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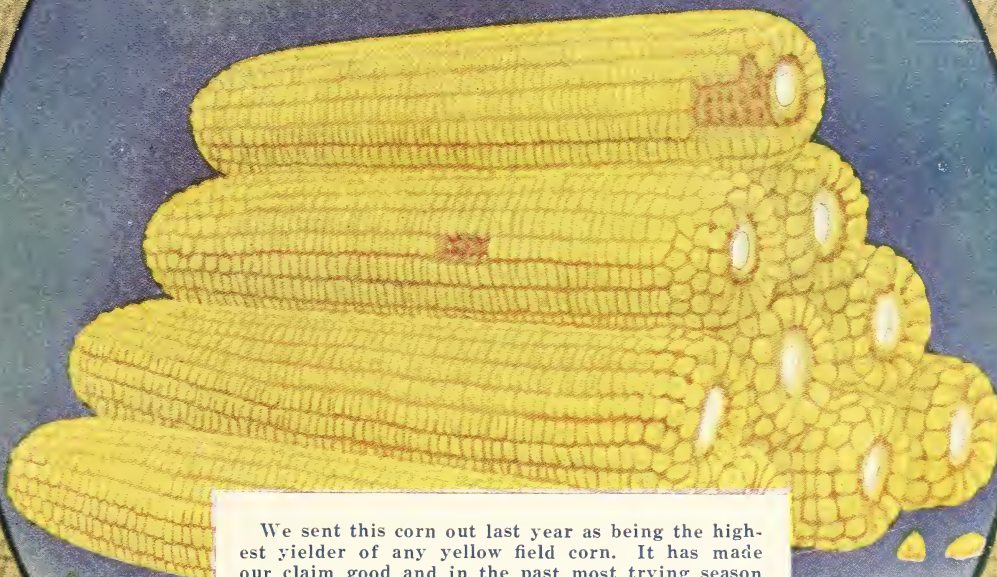
CHOICE IOWA SEEDS

1925

60TH ANNUAL
CATALOGUE



KRUG
YELLOW VICTOR



We sent this corn out last year as being the highest yielder of any yellow field corn. It has made our claim good and in the past most trying season it has produced a crop of hard, sound corn, free from chaffy ears. It is a most satisfactory corn in every respect.

We have a lot of this corn selected in October, hung and air dried and never allowed to freeze. Germination perfect, test it any way you like. Every ear tipped and butted by hand.

Price, \$10.00 per bushel; 5 bushels, \$45.00, as long as it lasts.

SEEDSMEN

TO THE

AMERICAN

PEOPLE

IOWA SEED CO.

DES MOINES, IOWA, U.S.A.



1865

SIXTIETH YEAR

1925

THE IOWA SEED CO.

"Seedsman to the American People"

400-402 EAST LOCUST STREET

DES MOINES, IOWA

GREETINGS TO OUR FRIENDS:

Another season is past and a very peculiar one it has been. Yet, when all farm crops are considered the year has been a good one, and we all have much for which to thank God.

In our seed crops, while some items were not up to their usual yield, the quality was excellent and we have a fine stock of seeds to offer our customers, and we have full confidence you will be pleased with the results from our "Choice Iowa Seeds."

Thanking you for past patronage, and soliciting a continuation of your esteemed orders, which will have our careful and prompt attention, we are yours for a prosperous year.

THE IOWA SEED COMPANY,
M. KURTZWEIL, President.



M. KURTZWEIL,
President

SUGGESTIONS ABOUT ORDERS

OUR PRICES. We have made prices in this catalog as close as we can for the high quality we produce and send out. It is common for Seed Dealers to make a high price in their catalogs and then send out their Wholesale and Market Gardeners' price lists at a lower price. We don't believe in classifying people, and as your money is as good as your neighbor's, we are offering our seeds to all alike, at our lowest prices.

HOW TO SEND MONEY. The most convenient way to you, of course Money orders and Bank Drafts are safe. Your check for larger amounts is acceptable. You may send stamps for change or small orders. There is seldom any loss of money in the mails.

WHAT WE GUARANTEE. That remittances, sent in any of the protected ways shall reach us; that your order will be filled promptly and well; that the goods ordered shall reach you safely, and in good condition.

WHAT WE DO NOT GUARANTEE: The kind of crop our seeds will produce for you. As there are so many contingencies, such as time of planting, depth of planting, soil, weather and insects, we will not make any warranty, express or implied, as to description or productiveness of any seeds, bulbs, or plants we send out and we will not be responsible in any way for the crop. No employee or officer of this company is authorized to make any warranty whatsoever. We, however, have so much confidence in our "Choice Iowa Seeds" that we hereby agree to refill any order for Garden or Flower seeds, free of charge, should they prove otherwise than we represent them. We know of no responsible seed firm which guarantees seeds farther than this.

SEEDS BY MAIL. All kinds of seeds and most of the supplies can be sent by mail. We pay the postage or express charges on seeds, priced by the packet, ounce or single pound. Seeds ordered in larger amounts will go by express or freight, you to pay the charges, or if wanted by parcel post, remit for postage according to distance. See table.

OUR RESPONSIBILITY: As this catalog will go into the hands of those who are not acquainted with us, we take pleasure in referring you, by permission, to the Valley National Bank of this city, or to the postmaster.

OUR SEED HEADQUARTERS

Are located at East Fourth and Locust, in a large, double-front, three floor and basement brick building, where all of our merchandise stocks are housed, and where all orders are filled under our personal supervision. Our store at West Walnut is maintained for the convenience of the local business.

We have a splendid set of mills, cleaners, graders and shellers for preparing and handling all kinds of field, garden and flower seeds.

You will always find our "Iowa Shield Brand" (99% pure) grass seeds the choicest and cleanest seed it is possible to make.

To all of our friends, who come to Des Moines, we extend a hearty invitation to come and see us, if you wish to buy or not. Free parking for your car is convenient. Bring in your wraps and parcels while you do your shopping. Be friendly.

Krug Yellow Victor Corn

The past year was a hard year to make seed corn. The late varieties were not dry when freezing weather came and much of it will not grow. The Krug Corn matured early and was sound and dry before freezing weather.

It is unusual to find a high yielding type of corn that matures so early. With its advantage over ordinary strains of Reid's Dent Corn in yield, coupled with its earlier maturing, Krug Corn will be a most profitable investment for 1925 planting.

Mr. J. J. Newlin has grown the Krug Corn for us again this year and he says of it that he never grew a finer lot of corn, and that it is better than last years crop. To make sure of vitality on this crop he has picked and hung a lot from the best part of the field. You can buy this at \$10.00 per bushel, tipped and butted by hand and graded for planting.

We again quote from the article in Wallaces' Farmer of March 9, 1923. "We have seen enough of the yielding power of Krug Corn to be convinced that the substitution of Krug Corn for the lower yielding strains of Reid's Yellow Dent will make it possible to produce as much corn as we are now producing in the Reid's Yellow Dent section of the corn belt, on one million fewer acres of land. This would mean a saving of twenty million hours of man-labor and forty million hours of horse-labor in the average season."

Prices on Krug Corn:

	Bushel	5 bushels
1924 crop, picked and hung and never allowed to freeze	\$10.00	\$45.00
1923 crop, test guaranteed	5.00	22.50
1924 crop, regular stock, graded.....	7.50	35.00

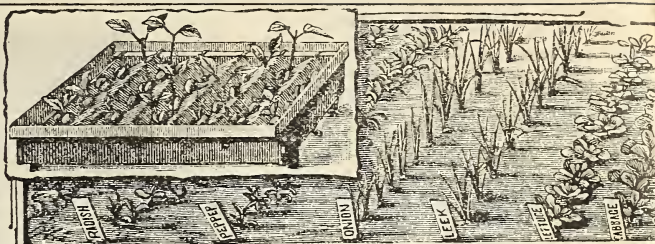
VEGETABLE SEEDS

Our stocks of Garden Seeds we believe cannot be excelled in quality, productiveness, or selection. We watch our growing seed crops carefully to keep them isolated so they will not mix, and that no stray or weak plants are allowed to blossom.

PRICES.—We have made prices in this catalog as low as we consistently could. We offer only the highest quality seeds it is possible for us to grow or obtain, and we make but one price to everyone. We do not favor one buyer at the expense of another.

PACKETS.—You will find our packets generously filled. We have made the price 5 cents per packet, where we could give enough seed for the ordinary family garden for that price. For heavy seeds or high cost seed we have had to make the price 10 cents, but we always put in a full 10 cents' worth.

POSTAGE.—Our prices include the payment of the postage by us on packets, ounces, and single pounds. Seeds in larger quantities are price without postage, you to pay the express or freight charges or to send the amount required for parcel postage according to distance.



The Garden Seed Department has the personal supervision of our President, who manages the Seed Farm, inspects the growing crops, directs the cleaning and testing work, and during our busy winter months, gives his personal supervision to the filling and sending out of orders. Your orders are always appreciated and carefully and promptly filled.

PARCEL POST RATES

This table is prepared to give the approximate amount necessary to pay the postage to your state. Call up your postmaster. He can give you the exact amount to your postoffice. Please add postage for one pound additional to cover weight of packing.

IOWA.....	In Zone 2	Rate 1c	per lb.
ALABAMA.....	In Zone 5	Rate 6c	per lb.
ARKANSAS.....	In Zone 4	Rate 4c	per lb.
COLORADO.....	In Zone 4 and 5	Rate 4c and 6c	per lb.
FLORIDA.....	In Zone 6	Rate 8c	per lb.
GEORGIA.....	In Zone 5	Rate 6c	per lb.
ILLINOIS.....	In Zone 3 and 4	Rate 2c and 4c	per lb.
INDIANA.....	In Zone 4	Rate 4c	per lb.
KANSAS.....	In Zone 3 and 4	Rate 2c and 4c	per lb.
KENTUCKY.....	In Zone 4 and 5	Rate 4c and 6c	per lb.
LOUISIANA.....	In Zone 5	Rate 6c	per lb.
MARYLAND.....	In Zone 5	Rate 6c	per lb.
MASSACHUSETTS.....	In Zone 6	Rate 8c	per lb.
MICHIGAN.....	In Zone 4	Rate 4c	per lb.
MINNESOTA.....	In Zone 3	Rate 2c	per lb.

MISSISSIPPI.....	In Zone 4 and 5	Rate 4c and 6c	per lb.
MISSOURI.....	In Zone 3	Rate 2c	per lb.
MONTANA.....	In Zone 5	Rate 6c	per lb.
NEBRASKA.....	In Zone 3	Rate 2c	per lb.
NEW YORK.....	In Zone 5 and 6	Rate 6c and 8c	per lb.
NORTH CAROLINA.....	In Zone 5	Rate 6c	per lb.
NORTH DAKOTA.....	In Zone 4 and 5	Rate 4c and 6c	per lb.
OHIO.....	In Zone 4 and 5	Rate 4c and 6c	per lb.
OKLAHOMA.....	In Zone 4	Rate 4c	per lb.
PENNSYLVANIA.....	In Zone 5	Rate 6c	per lb.
SOUTH CAROLINA.....	In Zone 5	Rate 6c	per lb.
SOUTH DAKOTA.....	In Zone 3 and 4	Rate 2c and 4c	per lb.
TENNESSEE.....	In Zone 4 and 5	Rate 4c and 6c	per lb.
TEXAS.....	In Zone 5 and 6	Rate 6c and 8c	per lb.
VIRGINIA.....	In Zone 5	Rate 6c	per lb.
WASHINGTON.....	In Zone 6 and 7	Rate 8c and 10c	per lb.
WEST VIRGINIA.....	In Zone 5	Rate 6c	per lb.
WISCONSIN.....	In Zone 3 and 4	Rate 2c and 4c	per lb.
WYOMING.....	In Zone 5	Rate 6c	per lb.

A REAL BARGAIN IN GARDEN SEEDS

For the benefit of those who do not have the time to make their selection from the catalog we have prepared the following collections to suit the needs for different sized gardens. These are all our regular well filled packets and are real bargains.

	Collection No. 3 For the Farm Garden. Value \$4.05 for \$3.00 Postpaid	Collection No. 2 For the Suburban Garden. Value \$2.80 for \$2.00 Postpaid	Collection No. 1 For the Back Yard Garden. Value \$1.50 For \$1.00 Postpaid
BEANS—Stringless Green Pod.....	1/4 lb. —Price 15c	1/4 lb. —Price 15c	Packet —Price 10c
BEANS—Brittle Wax.....	1/4 lb. —Price 15c	1/4 lb. —Price 15c	Packet —Price 10c
BEEF—Crosby's Egyptian.....	1 oz. —Price 15c	1 oz. —Price 15c	Packet —Price 5c
CABBAGE—Early Jersey Wakefield.....	Packet —Price 5c	Packet —Price 5c	.....
CABBAGE—Danish Ballhead.....	Packet —Price 10c	Packet —Price 10c	.....
CARROT—Oxheart.....	1 oz. —Price 15c	Packet —Price 5c	.....
CELERY—White Plume.....	Packet —Price 5c	Packet —Price 5c	.....
CORN—Early Sunrise.....	1/4 lb. —Price 15c	Packet —Price 10c	Packet —Price 10c
CORN—Pharaoh's Dream.....	1/4 lb. —Price 15c	1/4 lb. —Price 15c	.....
CUCUMBER—Early Cluster.....	1 lb. —Price 15c	Packet —Price 5c	Packet —Price 5c
CUCUMBER—Chicago Pickle.....	1 oz. —Price 15c	Packet —Price 5c	Packet —Price 5c
GROUND CHERRY.....	Packet —Price 10c	Packet —Price 10c	.....
LETTUCE—Early Curled Simpson.....	1 oz. —Price 15c	Packet —Price 5c	Packet —Price 5c
LETTUCE—Improved Hanson.....	1 oz. —Price 15c	Packet —Price 5c	Packet —Price 5c
MUSKMELON—Rocky Ford.....	1 oz. —Price 15c	1 oz. —Price 15c	.....
WATERMELON—Cole's Early.....	1 oz. —Price 10c	1 oz. —Price 10c	.....
WATERMELON—Halbert Honey.....	1 oz. —Price 10c	1 oz. —Price 10c	.....
PARSNIP—Improved Guernsey.....	1 oz. —Price 20c	Packet —Price 5c	Packet —Price 5c
PEAS—Little Marvel.....	1 oz. —Price 15c	1 oz. —Price 15c	Packet —Price 5c
PEAS—Dwarf Champion.....	1/4 lb. —Price 15c	1/4 lb. —Price 15c	1/4 lb. —Price 15c
PEPPER—Yankee Giant.....	1/4 lb. —Price 15c	1/4 lb. —Price 15c	1/4 lb. —Price 15c
PUMPKIN—Bloomsdale.....	Packet —Price 10c	Packet —Price 10c	Packet —Price 5c
SPINACH—The Des Moines.....	1 oz. —Price 10c	1 oz. —Price 10c	.....
SQUASH—True Hubbard.....	1 oz. —Price 10c	1 oz. —Price 10c	1 oz. —Price 10c
TOMATO—Superlative.....	1 oz. —Price 15c	Packet —Price 5c	Packet —Price 5c
TOMATO—Golden Nugget.....	Packet —Price 10c	Packet —Price 10c	Packet —Price 10c
TURNIP—White Model.....	1 oz. —Price 10c	Packet —Price 10c	Packet —Price 10c
VINE PEACH.....	Packet —Price 10c	.....	.....
AND ONE POUND ONION SETS.....	.....	.....	.....
	\$4.05	\$2.80	\$1.50
	ALL FOR \$3.00 POSTPAID	ALL FOR \$2.00 POSTPAID	ALL FOR \$1.00 POSTPAID



ASPARAGUS

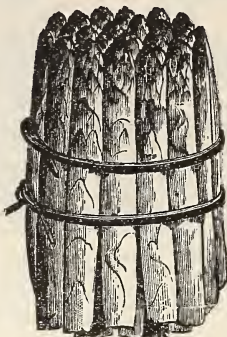
(One June will sow forty feet of drill.)

Asparagus is so easily grown, every garden should contain a bed. A bed ten feet square requiring 50 plants, will give abundant supply for an ordinary family. Sow early in spring with rows a foot apart; keep clean by frequent weeding. Circular on "How to Make an Asparagus Bed" free.

WASHINGTON.—The result of careful breeding by the U. S. Department of Agriculture to eliminate rust, which has heretofore proven so disastrous to asparagus crops. It is more nearly rust-proof than any other variety. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CONOVER'S COLOSSAL.—The standard variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

BONVALLET'S GIANT.—Differs from the above in color of the young shoots, which are a light green. Strong, vigorous grower. Produces the largest shoots of any variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



ASPARAGUS

ASPARAGUS ROOTS

Every garden should have a row or bed of asparagus. The reason so many gardens are without it is because of the mistaken idea that asparagus is difficult to plant and care for, when all that is necessary is to set the plants in well plowed or spaded ground one foot apart in 3-foot rows, set the tops or crown 3 inches deep, cultivate well, put on a 3 or 4 inch coat of manure every fall. Do not cut until second year. We have made our price as low as we could to encourage a wide planting.

Our roots are extra strong, free from rust and are healthy.

CONOVER'S COLOSSAL and BONVALLET'S GIANT.—Strong No. 1 plants. Per doz. 50c; 100 for \$1.50 postpaid. Not postpaid, \$1.00 per 100; \$7.50 per thousand.

WASHINGTON.—Doz. 50c; 100 for \$2.00 postpaid. Not postpaid, \$1.75 per 100; \$12.50 per thousand.

BEANS—Dwarf or Bush Varieties

Our packets contain about two ounces.
STRINGLESS GREEN POD.—The best of the green pod varieties. Pods are long, light green, entirely stringless, and of excellent flavor. Very early and prolific and as near perfect as any green pod bean we know. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 40c postpaid. Not postpaid, any quantity 30c per lb.

IMPROVED EARLY VALENTINE.—A standard variety and liked by many. Produces its thick, fleshy pods abundantly. Of fine flavor and matures quickly. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c postpaid. Not postpaid, any quantity 25c per lb.

IMPROVED GOLDEN WAX.—This is the standard variety. The most popular for either family or market garden. Pods are large, clear, waxy yellow and free from rust. Entirely stringless. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 40c postpaid. Not postpaid, any quantity 30c per lb.

CHALLENGE BLACK WAX.—An old favorite and still preferred by many. Price same as Improved Golden Wax.

BRITTLE WAX.—This is the best of the new varieties of wax beans. Price same as improved Golden Wax.

BURPEE'S BUSH LIMA.—A dwarf or bush form of the true large Lima which is of great value. They grow from 18 to 20 inches high, of stout, erect growth, yet branching and vigorous. An immense yielder. Does not always mature this far north, but makes excellent green shelled beans. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 45c postpaid. Not prepaid, any quantity at 40c per pound.

HENDERSON'S BUSH LIMA.—A true bush Lima, and sure to ripen its enormous crop. Beans grow to good size, and are excellent either green, shelled or dry. Produces a continuous crop from the middle of July until frost. Enormously productive. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid. Not prepaid, any quantity at 30c per lb.

IMPROVED NAVY, or Boston Pea.—This is the improved type of the navy bean which is grown for use as shell beans in winter. Our stock is especially saved for seed purposes and is superior to any bought in open market. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c postpaid. Not prepaid, per lb. 20c; 10 lbs. or more at 18c per lb.; 25 lbs. or more at 15 cents per lb.

POLE BEANS

These require support of some kind. Woven wire fencing makes an excellent substitute for bean poles. Sometimes planted with corn with good results.

OLD HOMESTEAD.—Is also known as Improved Kentucky Wonder. Enormously productive, pods hanging in great clusters from top to bottom of the pole. Can be grown with corn to good advantage. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c postpaid. Not prepaid, any quantity at 30c per lb.

LAZY WIFE.—Very much like the above. The ripe beans are white. Same prices as Old Homestead.

GOLDEN CLUSTER WAX.—The most popular variety of wax pole beans. Pods large, fleshy and stringless. Pkt. 10c; $\frac{1}{4}$ lb. 20c; lb. 45c. Not prepaid, 35c per lb.

SPECKLED CUT SHORT.—Succeeds better when planted with corn than any other pole bean. Prices same as Old Homestead.

SCARLET RUNNER.—Usually planted for its brilliant scarlet flowers. It is also very prolific and the finest quality for the table. Pkt. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

KING OF THE GARDEN LIMA.—Pods are of enormous size. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 40c, postpaid. Not prepaid, any quantity at 30c per pound.

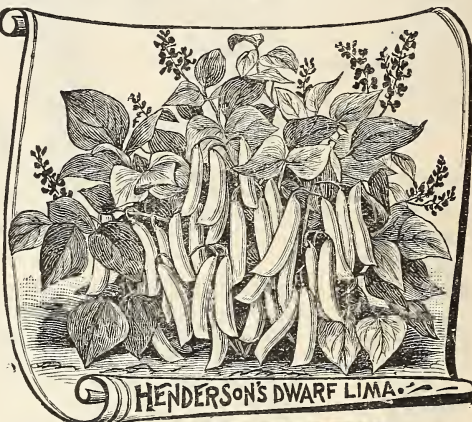
YARD LONG.—A great curiosity. Pods sometimes over three feet long. Splendid in the green state as pods are tender and of fine flavor. Pkt. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75, postpaid.



STRINGLESS GREEN POD



IMPROVED GOLDEN WAX



HENDERSON'S DWARF LIMA



OLD HOMESTEAD

TABLE BEETS

One ounce sows 50 feet of drill; 4 to 6 lbs. for 'one acre.

For early, sow as soon as ground can be worked, and from the middle of May for general crop, in drills 15 inches apart and 1½ inches deep. As the plants grow, thin to 6 inches in drills. Young plants make excellent greens. The soil should be rich. Hoe often, taking care not to bruise the roots.

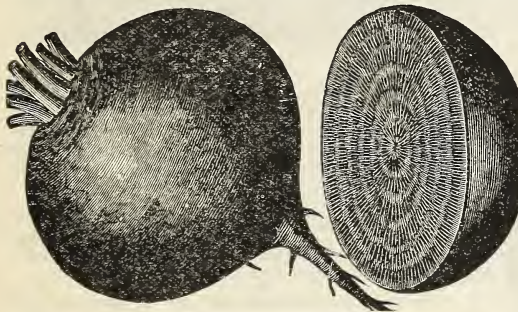
CROSBY'S IMPROVED EGYPTIAN.—The earliest variety. Regular in shape, smooth with small tops and small tap root. Being a rapid grower it may be sown outside as late as the first of August. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

DETROIT DARK RED.—One of the best varieties grown for main crop. Its roots are round, very smooth, of good marketable size, and for table use is unexcelled. Deep blood red; flesh sweet and tender. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.25.

MARKET GARDENERS.—If you plant but one kind of beet, plant this one. It is early, beautiful oval in shape, rich crimson color and excellent quality. Pkt. 10c; oz. 16c; ¼ lb. 40c; lb. \$1.50.

GOLDEN GLOBE.—Bright yellow. When cut up in a dish with red beets, they make a handsome contrast. Mature early and are sweet and nice. Pkt. 10c; oz. 20c.

GIANT LUCULLUS CHARD.—Is growing in popularity. Leaves are beautifully curved, and of a soft, clean shade of green. The thick, broad stalks are as large as rhubarb: Prepared the same as asparagus or leaves and stalks used as "greens." Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.25.



DETROIT DARK RED
pure white and very solid. Has large leaves which protect the head. Does better in dry seasons than other sorts. Price same as Snowball.

BRUSSELS SPROUTS

One ounce for about 3,000 plants.

Of the cabbage family, producing numerous heads along the stem, of most delicious quality. Use and cultivate like winter cabbage.

AMERICAN MAMMOTH.—Greatly superior variety of American origin. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.



BRUSSELS SPROUTS

CHERVIL

Leaves used in soups and salads. Have a pleasant aromatic taste greatly liked. Cultivate like parsley. Pkt. 10c; oz. 25c.

CHINESE CABBAGE, or Pe Tsai

This is the finest thing we have ever had from the Orient. Sow some early, like Early Cabbage. Sow every month until the first of August. Everyone likes it. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

CHIVES

Perfectly hardy little perennials of the onion tribe, and are grown entirely for their tops, which are used wherever flavor of onion is required. Plant in any common garden soil and they will grow readily. The tops appear very early in spring and can be shorn throughout the season. They are also beautiful as a flowering plant with their pink, clover-like flowers. Difficult to grow from seed; we therefore offer them in plants only. 25c per bunch; 3 bunches 40c; dozen \$1.25 postpaid.



BEETS

CAULIFLOWER

One ounce will produce about 3,000 plants.

One of the most delicious of vegetables. Requires similar treatment to cabbage. Does not head well during the hottest weather in summer. Sow the seed early for an early crop and again in June or July for late heads. Our cauliflower seed is grown in Denmark and is the best produced anywhere.

HENDERSON'S EARLY SNOWBALL.—Considered the earliest and more certain to make a head than any other sort. Pkt. 20c; ¼ oz. 75c; oz. \$2.50.

DANISH GIANT, or Dry Weather Cauliflower.—Heads are extra large, Does better in dry seasons

MANGEL OR STOCK BEETS

MAMMOTH GOLDEN GIANT.—The largest of yellow flesh mangels. Grows more than half above ground. Remarkably even in shape. Flesh firm and sweet. It is a most excellent keeper. Oz. 10c; ¼ lb. 25c; lb. 60c postpaid. Not prepaid, 5 lbs. for \$2.50.

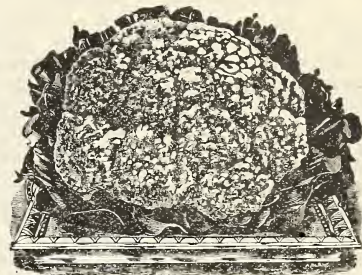
GIANT SLUDSTROP.—A variety of exceptionally even growth. Color is reddish yellow; excellent in shape. Contains more sugar, grows larger and is easy to harvest. It is the best of all mangels for feeding purposes. Per oz. 10c; ¼ lb. 25c; lb. 60c. Not prepaid, 5 lbs. or more at 50c per lb.

MAMMOTH LONG RED.—Unexcelled for yielding qualities. Grows to a very large size. Very uniform, smooth and of good shape. Per oz. 10c; ¼ lb. 25c; lb. 55c. Not prepaid, at 45c per lb.

GIANT HALF SUGAR MANGEL.—A hybrid or cross between the Mangel and Sugar Beet. As heavy a yielder as the mangels and equally as smooth. Per oz. 10c; ¼ lb. 25c; lb. 60c. Not prepaid, 5 lbs. or more at 50c per lb.

GOLDEN TANKARD.—Of a rich deep yellow throughout. Early, hardy, a heavy cropper. Oz. 10c; ¼ lb. 15c; lb. 50c. Not prepaid, 5 lbs. or more at 40c per lb.

KLEIN-WANZLEBEN.—Our seed is from beets which were tested as to per cent of sugar before setting out. The sugar makes it of great value for feeding. Per oz. 10c; ¼ lb. 20c; lb. 70c. Not prepaid, 5 lbs. or more at 60c per lb.



CAULIFLOWER



CHINESE CABBAGE

CABBAGE

One ounce will produce about 3,000 plants. Takes 8,000 to 10,000 plants per acre, of early sorts, and 6,000 of large, late kinds.

No vegetable is of greater importance than cabbage. It does not pay, therefore, to take any risk in buying seed. We pride ourselves on having the purest and highest grade of cabbage seed that is offered, or at least it is surpassed by none. Sow early sorts in hotbeds about six weeks before time to set out the plants in the field or garden. Transplant to rows three feet apart. Our packets contain about 800 seeds. Gardite, Slug Shot and Tobacco Dust will kill insects and worms.

EXTRA EARLY EXPRESS.—The earliest variety in existence and produces heads before the Jersey Wakefield or other varieties. Heads solid, have few outside leaves, and can therefore be planted very close. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.



EARLY JERSEY WAKEFIELD

CELERY

One ounce will produce about 6,000 plants.

Sow seed in hot bed or house for early plants. Seed for winter celery should be sown in April or early in May and set out in rows 3 feet apart and 10 inches apart in the row. Cultivate often. There are various ways to blanch. A 4-inch drain tile slipped over each plant works fine.

WHITE PLUME.—Stalks, portions of the inner leaves and heart naturally white, and become fit for use by simply tying up closely with twine. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

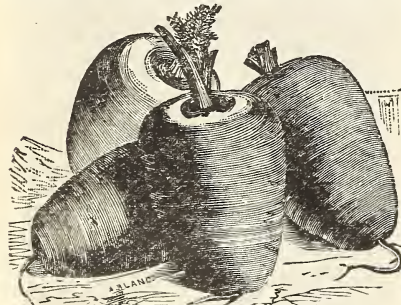
GOLDEN SELF-BLANCHING.—By far the most popular sort; of medium earliness, compact habit, with thick, solid stalks which blanch easily to a clear waxen yellow.

French Grown Seed.—Pkt. 15c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.

American Grown Seed.—Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

GIANT PASCHAL.—A late variety of superior keeping qualities. Very large, solid and crisp, a rich nutty flavor. Blanches easily. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

GIANT PRAGUE CELERIAC.—Instead of producing long leaf stalks like ordinary celery, it has a turnip-like root with true celery flavor. Used in soups, stews and for all culinary purposes in place of celery. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.



OXHEART CARROT

PREMIUM FLAT DUTCH.—This old and well-known variety is still a standard winter cabbage. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

IOWA SEED COMPANY'S SHORT STEM DRUMHEAD.—For sureness in heading, regularity of growth and even large, solid heads, it far surpasses any other strain of late cabbage. It ripens evenly, with very short stem or stock, and large, thick heads. Silky fine quality. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

PERFECTION DRUMHEAD SAVOY.—Has curled and crumpled leaves and is of finer flavor than ordinary cabbage. For salads and kraut the Savoy will give a richer flavor than common kinds. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

MAMMOTH RED ROCK.—Is the largest of the red cabbages. Solid, heavy and a good keeper. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.



FROST PROOF CABBAGE PLANTS 500 for \$2.00 postpaid.



DANISH BALLHEAD

SUREHEAD.—A very popular variety in the eastern states. Makes a fine large solid head with few outer leaves. Ripens a little earlier than Premium Flat Dutch. May be set out a week or two later and still get solid. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

ALL SEASONS.—Good for planting early for early fall selling or may be planted in July for late heads, hence its name. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

Our cabbage seed is grown by the same grower year after year and we know our stocks are dependable.

FROST PROOF CABBAGE PLANTS

Grown from fall planted seed, on the coast of South Carolina. Produced in open fields, in winter, so that they grow slowly and become hardened to cold and slight frost. Can be set out in spring much earlier than hot bed or greenhouse plants and you can really have cabbage two weeks ahead of ordinary plants by the use of frost proof stocks. These will be mailed direct from the growers to you. Will reach you at proper time for planting and cost is very low.

EARLY JERSEY WAKEFIELD.—Per 100, 60c;

CARROTS

One ounce for 100 feet of drill. Three or four pounds for one acre. A nutritious, succulent food in the winter for cattle, horses, sheep and pigs. For early, sow in the spring as soon as ground can be worked, in drills fourteen inches apart, covering one-half inch. Thin plants to three or four inches apart in row. For field culture, sow seed from middle of April to first of June.

EARLY SCARLET HORN.—Favorite extra early variety. Top small, short, stump-shaped root. Grows well in any soil. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

OXHEART, or Guerande.—This is the standard garden carrot. Outyields all others. Easy to pull. Best quality. Good keeper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

CHANTENAY.—Another good garden carrot. Is longer than the Oxheart, not so easy to pull. Prices same as Oxheart.

VICTORIA.—Largest carrot grown. Used for stock feeding. Roots very large. Large, light orange. Grows partly out of ground, making it easy to harvest. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

SWEET CORN

Plant as soon as the ground becomes warm in the spring, in hills about three feet apart; give thorough cultivation. Our sweet corn is carefully grown and selected, only the choicest, most perfect ears being selected for seed.

EARLY SUNRISE.—Is a splendid new variety which we originated. It is undoubtedly the best extra early corn for either private gardens or market. The ears are larger than Golden Bantam and a few days earlier. This would be enough to make it very desirable, but it is also the sweetest of all early kinds, not having the peculiar flavor of Golden Bantam which is objectionable to some people. Gardeners when selling it on the market call it the white Bantam. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c postpaid. Not prepaid, any quantity at 20c per lb.

IMPROVED GOLDEN BANTAM.—A well known and quite popular seed corn about 4 feet high. Well shaped ears which are golden yellow when ripe. Same prices as Sunrise.

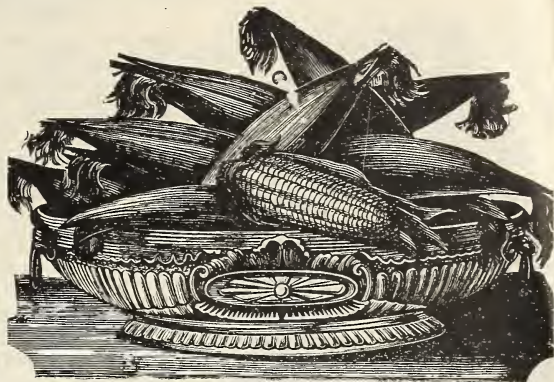
CHAMPION EARLY.—Earliest large corn ever introduced, maturing only a few days later than the small eared sorts and producing large 12-rowed ears 8 to 10 inches long. Prices same as Sunrise.

PHARAOH'S DREAM.—The most productive variety of sweet corn ever produced. Has two to four large, well filled ears on the stalk. A few days earlier than Stowell's Evergreen. In quality and flavor it is simply delicious. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 25c. Not prepaid, any quantity at 20c per lb.

COUNTRY GENTLEMAN.—Considered to be the highest quality corn. Very prolific; ears good size. Pure white, very deep grained and sweet. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 35c. Not prepaid, any quantity at 30c per lb.

IMPROVED STOWELL'S EVERGREEN.—The standard late sweet corn. Always satisfactory. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c. Not prepaid, any quantity 25c per lb.

EVERGREEN SWEET FODDER.—Price, not prepaid, 12c per lb. In lots of 50 pounds or more at 10c per lb.



EARLY SUNRISE SWEET CORN

POP CORN

AUSTRALIAN HULLESS.—The only pop corn worth while raising. Of highest quality, the best yielder and best seller. Our stock of this variety is pure. Pkt. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c. Not prepaid, 20c per lb.

QUEEN'S GOLDEN.—A golden yellow variety. Long ears. Looks rich when popped. Price same as the Hulless.

CUCUMBER

One ounce plants 50 hills, two lbs. one acre.

Cucumbers succeed best in a rich soil. When danger of frost is over, plant in hills four feet apart each way. For pickling, plant seed first week in July. Use air-slaker lime or slug shot for bugs.

EARLY CLUSTER.—A very desirable early variety. Prolific, good size and fine quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

PERFECT WHITE SPINE.—This improved strain is pronounced superior to all others. Fruit even, good size, straight, well formed and symmetrical. Color dark green when small, pure white when fully ripened. Immensely productive. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

IMPROVED CHICAGO PICKLE.—Medium in size, dark green in color. Originated by a pickle grower near Chicago. Considered the best variety for pickles. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

DAVIS PERFECT.—Everyone who sees the crop says they never saw anything to equal it. Dark, glossy, green, slim and symmetrical with an average length of 10 to 12 inches. Has no superior for pickles. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

IMPROVED LONG GREEN.—A well known standard variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

JAPANESE CLIMBING.—Will cling to fences or other support. Fine for limited space. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 70c.

WHITE WONDER.—A large, long-fruited variety of beautiful ivory white color. Quality is really superior, being crisp and tender and entirely free from any bitter taste. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

LEMON.—It is round and about the size of a baseball. Have flavor peculiarly their own. Superior to any, being crisp and tender and having none of the bitter taste. Pkt. 10c; oz. 25c.

WEST INDIA GHERKIN, or Burr.—This is a very small variety of cucumber which makes a handsome pickle. When ready it is about as large as an English walnut, partly covered with spines. Pkt. 10c; oz. 40c.

CRESS

TRUE WATER.—Sow seeds along the running water. Pkt. 10c.

UPLAND CRESS.—Perennial; hardy; produces well. Same flavor as Water Cress. Grows on high, dry land; does not seed soon. Pkt. 10c; oz. \$1.00.

CHUFAS

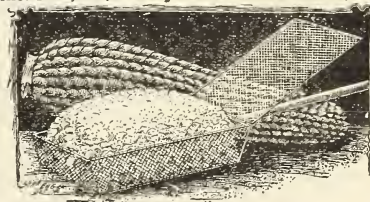
A nice little ground nut greatly liked by children. Its flavor resembles the coconut. Very prolific. Plant in April 10 inches apart, in 2 $\frac{1}{2}$ -ft. rows. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

COTTON

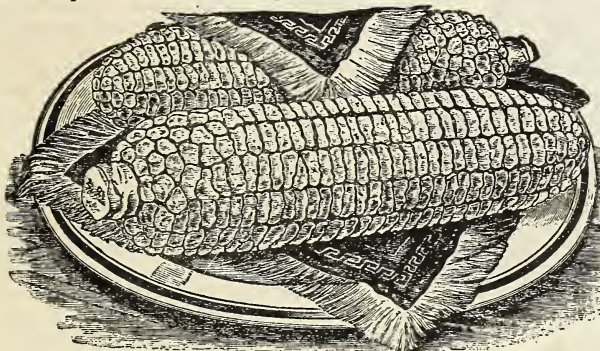
Start seed early and transplant. Has large, showy flowers, followed by ball of white cotton. Pkt. 5c; oz. 10c.

CORN SALAD

Nice winter salad. Sow in September in drills. Cover in fall with straw or leaves. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.



POP CORN



PHARAOH'S DREAM

CHICORY

LARGE ROOTED.—Used as a substitute for coffee. Cultivated the same as carrots. When wanted for use it is roasted and ground like coffee. Pkt. 10c; oz. 25c.

COLLARDS

Collards are very largely used for "greens" in some parts of the country, especially in the South. They are a form of loose-headed cabbage. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.



EARLY CLUSTER CUCUMBER

EGG PLANT

A tender plant that should be started quite early in a hotbed or box in the house, which must be kept warm. Transplant late to open ground, two feet apart.

IMPROVED NEW YORK.—Our strain of this leading market variety we believe to be unsurpassed. Very large size, skin deep purple, flesh white, of excellent quality. Very productive. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00.

ENDIVE

One ounce will sow about 60 square feet.

One of the best and most wholesome salads for fall and winter. Sow in April for early; in June or July for winter.

GIANT FRINGED.—Also called winter lettuce. Best of all. Strong, vigorous grower, making large white heart. Leaves are beautifully curled. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c.

GROUND CHERRY

IMPROVED YELLOW.—Ground cherries are a most excellent garden fruit. They have a delicious flavor of their own. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

LARGE PURPLE.—We can also furnish the old time purple ground cherry. Fruits are much larger than the yellow but not so rich in quality. Pkt. 10c; $\frac{1}{2}$ oz. 25c.



GARDEN HUCKLEBERRY

When this was first offered to us we had little confidence in it, but after growing it we recommend it to our customers. Grows about three feet high and just loaded with clusters of berries, which are jet black when ripe. Make delicious pies, preserves and jams. Directions for cooking with each packet. Not edible raw. Pkt. 10c; oz. \$1.00.

GOURDS

Cultivate like cucumbers. They may be trained over lattice work, fences, etc.

JAPANESE NEST EGG.—Grows almost uniformly to the size, color and shape of a hen's egg. The shells are hard and make the very best nest eggs. Pkt. 10c; oz. 20c.

DIPPER.—Makes a light, convenient dipper. Pkt. 5c; oz. 25c.

SUGAR TROUGH.—Very large and strong grower. Pkt. 5c; oz. 25c.

LUFFA, or Dishcloth.—Has a peculiar lining, making a natural dishcloth or sponge. Pkt. 5c; oz. 25c.

HERCULES' CLUB.—Grows to immense size—4 to 5 feet in length. Pkt. 5c; oz. 25c.

MIXED UTILITY.—Seeds of the above, mixed. Pkt. 5c; oz. 20c.

KALE

EXTRA CURLED MOSSBACK.—A most attractive variety; fine crimped leaves. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

KOHL RABI

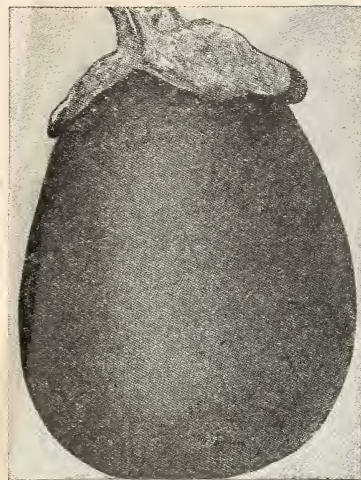
Most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage.

GOLIATH PURPLE.—Of immense size. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c.

EARLY WHITE VIENNA.—The flesh is white and tender. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c.

LEEK

LARGE ROUEN.—Largest and most uniform sort. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.



NEW YORK

LETTUCE

One ounce will sow 100 feet of drill.

Lettuce may be sown very thinly any time from early spring until the middle of August. The soil should be very rich. Lettuce may be transplanted like cabbage. Set the plants a foot apart in rows two feet wide. Cultivate often and you will be pleased with results.

EARLY CURLED SIMPSON.—The best known variety of garden lettuce. Beautiful light green, curled leaves. Can be sown from early spring to August. Always good. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

IMPROVED HANSON.—As a head lettuce the Hanson has no superior. Makes the most solid heads and is the surest to head of all lettuces. Stands heat well when grown outdoors and does well in hotbed or greenhouse. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

BLACK SEEDED SIMPSON.—This is the standard variety with market growers who grow lettuce under glass or in frames. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

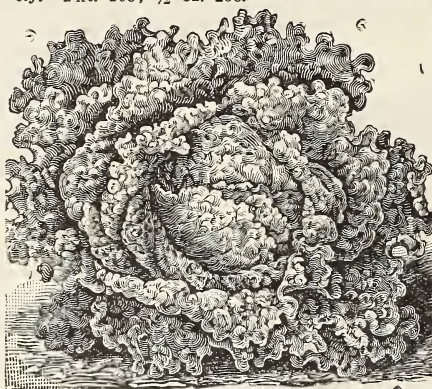
GRAND RAPIDS.—Claimed to be an improvement on the Black Seeded Simpson as a frame lettuce. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

NEW YORK.—A new sort producing immense heads, often 15 or 16 inches across. The interior is beautifully blanched, creamy white, crisp, tender and delicious. A sure header under most trying conditions. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

PRIZE HEAD.—Heads large and rather loose, with very good flavor. Leaves edged with reddish brown. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

CALIFORNIA CREAM BUTTER.—A cabbage lettuce with round, solid head. Within, leaves are very rich cream yellow color. Rich and buttery to the taste. Heads good size and compact. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

MIXED LETTUCE.—A mixture of all the varieties listed. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.



GRAND RAPIDS



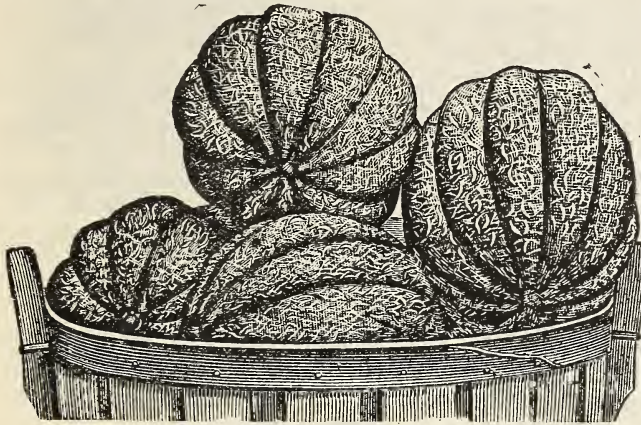
PRIZEHEAD



MUSK MELON

One ounce will plant about 80 hills, 2 lbs. to the acre.

Musk melons require a rich, well-drained soil. Plant as early as safe from frost. Cultivate until vines cover the ground. Plant in hills 4 to 6 feet apart. Use plenty of seed.



IMPROVED GREEN NUTMEG

WATER MELON

One ounce is required for forty hills. Three pounds will plant an acre.

GOLDEN SWEET.—The Golden Sweet is a most delicious and fine flavored melon, unsurpassed for sweetness. Skin is dark green. Shape oblong, averages about 20 lbs. Rind very thin but hard and will carry without cracking. Flesh old gold yellow. When cut it presents a rich, attractive appearance. This is without exception the highest quality water melon in the list, and this is true of every melon in the field. We have never yet found a poor melon. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c.

COLE'S EARLY.—Very early and will mature farther north than most sorts. Of medium size; very attractive. Flesh bright red. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

PEERLESS, or Ice Cream.—Very early, medium size, thin rind, flesh bright scarlet. Great home market melon. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

MONTE CRISTO, or Kleckley's Sweet.—A wonderful popular variety. We do not hesitate to pronounce this one of the sweetest, juiciest, most delicious melons. Flesh bright red, rich, crisp and pleasant flavored. It ripens early, is of good size. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

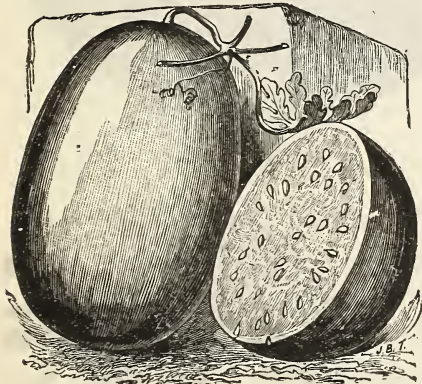
TOM WATSON.—The leading market melon. You seldom see any other variety offered. Hardy, good quality, good shape, large size and always solid. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

SWEETHEART.—A large round melon with a light colored rind. Splendid quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

HALBERT HONEY.—Has no equal as a home or nearby market melon but will not stand much handling. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

IRISH GREY.—New variety best described as light rind Tom Watson. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

MIXED WATER MELON.—As the seasons vary, some varieties of melons do better than others. By planting mixed water melons, you get a good crop every year. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



APPLE PIE MELON

CITRON MELONS

Better than melon rinds for preserving.

APPLE PIE.—The flesh is white, solid throughout and of excellent quality for making pies, preserves, etc., and resembles apples in flavor. They keep nice and fresh all winter, and any surplus can be fed to the live stock. Pkt. 10c; oz. 25c.

RED SEEDED CITRON.—Is round, dark green, striped and mottled with light green. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

EMERALD GEM.—Finest in flavor and the earliest to ripen. Too soft to stand shipping any great distance. Unequaled for home use or nearby markets. Very prolific. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

BURRELL GEM.—A truly delicious melon about the size and shape as Rocky Ford, but has rich golden yellow flesh of most delicious flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

THOROUGHbred ROCKY FORD.—This is the melon that made Rocky Ford famous. Flesh thick, of light green color and fine, juicy, luscious flavor. Very early and wonderfully productive. Our seed is from the best melon grower at Rocky Ford. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

POLLOCK 10-25.—A recent improvement on the Rocky Ford. Nearly round. Pink flesh and extra sweet. Heavily netted and is the best shipper of any. It dominates the Colorado and California melon sections. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

IMPROVED GREEN NUTMEG.—The best of the green fleshed sorts. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

OSAGE.—Flesh salmon color, sweet and spicy, very thick and delicious. Medium size oval. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

ENORMOUS.—Grows to immense size. Has been grown upward of 15 lbs. in weight. Flesh very thick, salmon colored and of better flavor than any other large melon. Pkt. 10c; oz. 25c.

BANANA.—Attain a length of from $1\frac{1}{2}$ to 3 feet; 3 to 4 inches thick. Has a pleasing flavor, peculiar to itself. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c.

CASABA, or Winter Melon

HONEY DEW.—Flesh is light green and sweet as honey. The rind is straw yellow in color, smooth as an egg and hard. Keeps good for months in a cool place. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c.



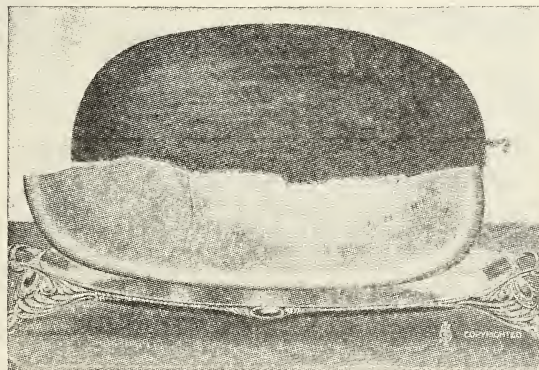
OSAGE

MUSTARD

OSTRICH PLUME.—Its leaves are long, ruffled, frilled and curved gracefully as ostrich plumes. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

SOUTHERN GIANT CURLED.—This is the true curled leaf variety so popular in the South for fall planting for early spring salad. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

WHITE ENGLISH.—Its seed used for culinary purposes. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



GOLDEN SWEET MELON

VINE PEACH

A splendid novelty, introduced by us. The fruit is about the size of a large peach, oval shaped, and is of a bright orange yellow color. For sweet pickles, pies or preserving they are superb. A jar of these cut in halves and cooked in syrup presents a beautiful and tempting appearance. Recipes for preparing for the table will be sent with each order. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

ONIONS

Good onion seed is of the utmost importance as it is one of the most important crops grown. There is more money in onions grown from seed than almost any other crop. Fully realizing this, we have for many years made a specialty of onion seed which is all grown from choice, selected bulbs, critically examined before being set out for seed.

Our onion seed is American grown and we are sure no better onion seed is produced. You need not sow thick to be sure of a stand when you use our onion seed. We appreciate the anxiety on the part of the onion grower about the quality of the seed and we will not disappoint you.

EXTRA EARLY BARLETTA.—The very earliest onion in cultivation. They are of a pure white color, and in size grow 1 to 1½ inches in diameter. For table use and pickling it is most valuable. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.

LARGE WHITE GLOBE.—Market variety. Beautiful, clean, pure white bulbs. Large, even size, globe shape. Undoubtedly the best white sort. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.

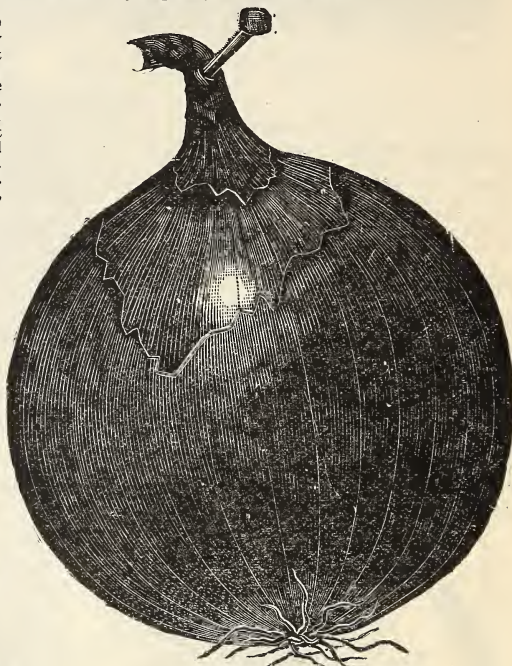
MAMMOTH SILVER KING.—The largest pure white onion, no other approaching its mammoth size. Slightly flattened but thick through. Often weighs over 2 lbs. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50.

GOLDEN GLOBE.—Offered by us as the very best yellow, globe-shaped onion for general culture. Always uniform in shape, size and color. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.85. By express, 5 lbs. for \$8.00.

MAMMOTH PRIZETAKER.—One of the largest and handsomest of yellow onions. Of a clear, bright straw-color and uniform perfect globe shape. Produces enormous crops. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

LARGE RED WETHERSFIELD.—Is the standard sort throughout the country, the easiest to grow and the surest to make a good crop. Of finest form, skin deep purplish red. The flesh is finely grained. Our seed is extra select and cannot be excelled. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.85. By express, 5 lbs. for \$8.00.

SOUTHPORT RED GLOBE.—This is a very handsome variety and it grows to a large size. Skin deep red, flesh fine grained, mild and tender. It is steadily increasing in popularity as the market is demanding globe-shaped onions more than formerly. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00. By express, 5 lbs. for \$9.00.



SOUTHPORT RED GLOBE

LARGE RED WETHERSFIELD

ONION SETS

For early onions for bunches. Seed Sets are grown from seed the previous summer and are best for home use. These are not plants, they are dry little bulbs about the size of hazelnuts and will make nice green onions in a few weeks. We can supply either white, yellow or red. One pound equals a quart. Any color 35c per lb.; 3 lbs. \$1.00 postpaid. Write for price on larger quantity.

POTATO ONION SETS.—A species of Multiplier onion, increasing from bulb. ½ lb. 20c; lb. 40c, postpaid. Not prepaid, 3 lbs. \$1.00.

PERENNIAL, or Winter Sets.—Shipment after August 1st. Also called Egyptian or Tree Onions. Usually set in fall. Produce earliest spring onions. Do not make large bulbs. 40c per lb.; 3 lbs. \$1.10, postpaid.

BOTTOM ONION SETS

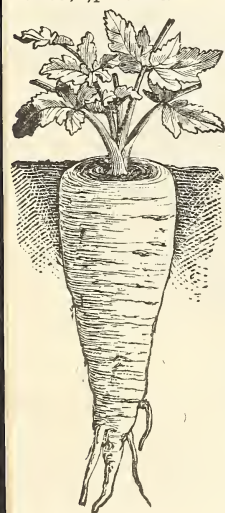


POTATO ONION SETS



OKRA

EARLY PROLIFIC.—The earliest and most prolific. Just the sort for the North. The numerous pods are thick fleshed and keep coming until frost. Pkt. 10c; oz. 15c; ¼ lb. 40c.



WHITE VELVET.—Pods are round and smooth, of attractive appearance. Plants dwarf. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

PARSNIP

One ounce will sow 200 feet of drill. Five pounds will sow an acre in drills.

Sow early in spring in good, rich soil, which has been plowed deep, in drills 14 inches apart, covering half an inch. Thin to 5 or 6 inches apart in rows. They are improved by freezing.

IMPROVED GUERNSEY.—A greatly improved and wonderfully fine strain of the Guernsey Parsnip. The roots are smooth, fine grained and will cook as quick as potatoes. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

HOLLOW CROWN.—An old standard and still good. Pkt. 5c; oz. 15c; ¼ lb. 50c.

IDEAL WEEDER
25c each, postpaid.

PARSLEY

One ounce will sow 150 feet of drill. Sow early, thinly, in drills 1 ft. apart, ½ inch deep. For winter use, protect in glass frame or light cellar.

MARKET GARDENER'S.—An extra choice stock with dark green curled, mossy leaves, very productive. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.25.

CHAMPION MOSS CURLED.—Very select stock, finely crimped and curled. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

HAMBURG.—Turnip-rooted variety, used for flavoring soups. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.25.

PEANUTS

EARLY SPANISH.—This variety can be grown and will ripen in Iowa. The nuts are not quite as large as southern varieties but are very prolific. Cultivate thoroughly until they begin to blossom, then let them alone. Dig after frost. Pkt. 10c; lb. 40c; 3 lbs. \$1.00 postpaid.





PEPPER

One ounce will produce about 1,800 plants.

Sow seed in hotbed early in spring; transplant to open ground when weather is favorable. Seeds germinate slowly. Require considerable heat.

CORAL BOUQUET.—Very small, bright red, and very hot. Pkt. 10c; oz. 75c.

RED CHILI.—Small, long fruit but very hot. Used for pepper sauce. Pkt. 10c; oz. 50c.

SUNNYBROOK.—This is in every respect the best of the pimiento class of sweet peppers. In shape it is almost a globe, somewhat dented at the stem. A bright red in color, about 2½ inches in diameter and is the thickest fleshed pepper we have yet seen. Very sweet, of excellent flavor and not a trace of pungency. Plants grow nearly two feet high, well branched and heavily laden with fruits. Pkt. 10c; oz. 75c.

PIMENTO.—A new and distinct pepper. Perfectly sweet. Does not ripen this far north. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

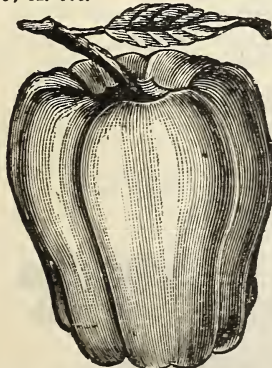
CHINESE GIANT.—Most gigantic of all giant peppers. A fine, mild pepper of enormous size, and brilliant glossy scarlet color. Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

RUBY KING.—The standard variety for mangoes or sweet pickles. Fruits large, uniform, thick meat and smooth. Very pleasant, mild flavor. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

MAMMOTH GOLDEN QUEEN.—Similar to red mango peppers. When ripe the color is a bright, waxy, golden yellow and mild flavor. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

KALEIDOSCOPE.—A very ornamental sort. The small fruit changes from cream color to a deep, shining scarlet. Pkt. 10c; oz. 75c.

MIXED PEPPERS.—A mixture of the above and other fancy varieties. Fine for exhibition. Pkt. 10c; oz. 50c.



CHINESE GIANT

PEAS

One pound will plant about fifty feet of drill.

May be sown as early as the ground can be worked and for a succession every two weeks up to July; or, what is better, select several kinds which will form a succession in maturing.

ALASKA.—Height 2 feet. The pods are rather small, dark green color, well filled. The earliest pea known, being earlier than Pedigree Extra Early. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 35c postpaid. Not prepaid, any quantity at 25c per lb.

PEDIGREE EXTRA EARLY.—After a trial of all extra early varieties we have not found one possessing more merit. Height 18 inches. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 35c postpaid. Not prepaid, any amount at 25c per lb.

LITTLE MARVEL.—Strong vine about 15 inches high. As early as American Wonder. More productive. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 45c postpaid. Not prepaid, any quantity at 35c per lb.

AMERICAN WONDER.—Popular extra early variety for family garden. Produces a profusion of good-sized, well-filled pods of finest flavored peas. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 45c postpaid. Not prepaid, any quantity at 30c a lb.

NOTT'S EXCELSIOR.—This is an improved Premium Gem. The improvement is in size of pods and productivity. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 45c postpaid. Not prepaid, any quantity at 30c per lb.

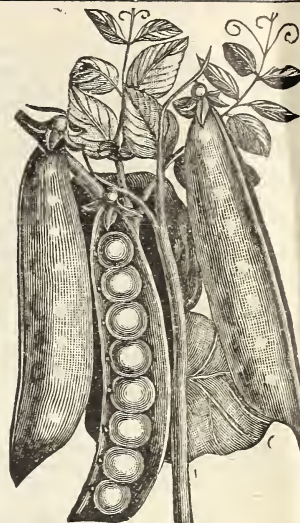
GRADUS, or Prosperity.—This remarkable pea is not only large and of best quality, but it is nearly as early as the small early sorts. Pods bright green color and measure 4 inches or more in length. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 45c postpaid. Not prepaid, any quantity 30c lb.

EVERBEARING.—Fine for main crop. Grows about 2 feet high, strong and vigorous. Does well without support. Continues to grow and produce pods of good size. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 40c postpaid. Not prepaid, any quantity at 30c per lb.

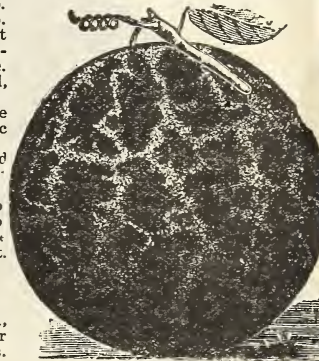
IMPROVED STRATAGEM.—Noted for the immense size of pods and peas. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 40c postpaid. Not prepaid, any quantity at 30c per lb.

CHAMPION OF ENGLAND.—Well known standard sort; grows 4 to 5 feet high and requires support, but fine quality and large crop produced more than repay any extra labor required. 2 oz. pkt. 10c; ¼ lb. 15c; lb. 40c postpaid. Not prepaid, any quantity at 30c per lb.

MAMMOTH LUSCIOUS SUGAR.—The largest of the edible pod varieties. Grows tall and requires support. Pkt. 10c; ¼ lb. 15c; lb. 40c postpaid.



NOTT'S EXCELSIOR



POMEGRANATE

POMEGRANATE

An interesting little orange and brown spotted melon, very ornamental and highly flavored. Add a few to your ripe cucumber sweet pickles. The flavor is delicious. Also called Queen Ann smelling melon. Pkt. 10c.

PUMPKIN

One ounce will plant 25 hills; 4 lbs. will plant one acre.

The best and most prosperous farmers put in a crop of pumpkins every year. They can be grown separately or with corn, and do not seem to interfere in the least. They are valuable for feeding to stock, and what is Fair without pumpkins, or a Thanksgiving dinner without a pumpkin pie? Planted with corn, 2 lbs. will plant one acre.

YANKEE PIE.—The noted New England Pie or Small Sugar Pumpkin. Very sweet, fine-grained and one of the best varieties for table use. Early. Pkt. 5c; oz. 10c; ¼ oz. 30c lb. \$1.00.

LARGE CHEESE.—This is a very popular pumpkin for pies and is quite commonly known as "Sweet Pumpkin." Flat shaped with creamy buff skin and thick golden flesh. Can be grown in the corn like the common cow pumpkin. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c. Five lbs. by express or freight at 50c per lb.

GOLDEN RUSSET.—Also called Winter Luxury. Golden yellow, netted or russeted over surface. Small to medium size. Unsurpassed as a pie pumpkin and a good seller on market. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

GOLDEN CUSHAW, or Jonathan.—Like the old Cushaw in shape but of clean old gold color. Flesh is solid, of deep orange color and very rich. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

JAPANESE PIE.—This is similar in size and form to the Cushaw but the skin is deep green. Seeds are marked on both sides with curious indentations resembling the Japanese alphabet. Very odd. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

KING OF MAMMOTHS.—Very large, bright yellow, fine-grained and of good quality. Grown for exhibition purposes. Pkt. 10c; oz. 20c; ¼ lb. 70c; lb. \$2.00.

NEW ATLAS.—The largest of them all. Grows to almost fabulous size and weight. Our seed is from the largest sized, perfect shaped specimens. Just the thing for exhibition. Flesh rich yellow, very thick. Profitable to grow for stock feeding. Pkt. 10c; oz. 20c; ¼ lb. 70c.

CONNECTICUT FIELD.—The common field or cow pumpkin. Oz. 10c; ¼ lb. 25c; lb. by mail 75c. Not prepaid, 10 lbs. \$6.00.



YANKEE PIE

RADISH

One ounce will sow 100 feet of drill. Eight to ten pounds will sow one acre in drill.

EARLY BIRD.—Decidedly the earliest of radishes. It is of round or turnip shape, of bright scarlet color and pure white flesh. It has few and short leaves. Very desirable for the home garden and for market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

SPARKLER.—This is a new extra early, white tipped, round radish. It is distinct in that the white tip is larger and more pronounced than in any other sort. The contrasting colors give a most attractive appearance. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

EARLY SCARLET GLOBE.—This is the standard early round red radish. Of handsome color, crisp, juicy and tender. Is the gardeners standby for first early radish. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

FRENCH BREAKFAST.—Of medium size and olive shape, with small top. Quick growth, beautiful scarlet color, shading to white. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

CRIMSON GIANT.—A rapid growing variety, developing roots of beautiful deep crimson, perfect in shape and more than double the size of any other forcing variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

STRIPED TRIUMPH.—A beautiful round variety with white skin striped bright scarlet. Decidedly ornamental. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

CHINA ROSE WINTER.—A bright rose-colored variety. The most popular of the winter radishes because of its bright color, firm flesh and long keeping qualities. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



SPARKLER

SALSIFY, or Vegetable Oyster

One ounce sows 50 feet of drill.

It is one of the most delicious and nutritious of vegetables and should be more generally cultivated for use in the winter, when the supply of really good vegetables is limited. It has the true oyster flavor and is a delicious substitute for them in soup, etc. Cultivate like parsnips.

MAMMOTH SANDWICH ISLAND.—The best variety. The roots are white, smooth and of superior quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

SPINACH

One ounce to 80 feet of drill; 10 lbs. will sow one acre.

Makes the finest "greens" of any plant in cultivation. For summer sow early in spring in deep, rich soil, one foot apart in drills; cover one inch. Sow at intervals of two weeks all summer. For very early use sow in September and protect.

NEW SIBERIAN.—This is an entirely new and distinct spinach, being a hardy perennial. It is the first thing that starts to grow in the spring. Leaves are long, smooth, thick and fleshy. Free from insects. Easily prepared for cooking. Can be used all summer if not allowed to go to seed. Pkt. 10c.

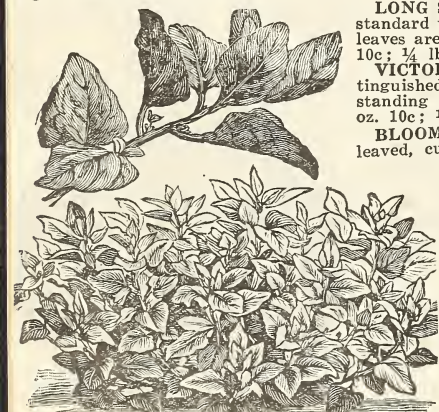
LONG STANDING.—This is standard with gardeners. The leaves are fleshy. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

VICTORIA.—A variety distinguished for its very long standing qualities. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

BLOOMSDALE.—Savoy leaved, curled sort. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

NEW ZEALAND.

—This is a variety of great merit. It is of the "cut and come again" type of plants. It is ready to use by the time the early spinach has gone to seed and will continue to grow and produce its clusters of thick leaves until frost. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.



NEW ZEALAND SPINACH

VIOLET QUEEN.—A small round or turnip-shaped variety of a beautiful violet-purple color, shading to white near the tip, thus giving it a very pleasant aspect. It is very showy on the table. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

ICICLE.—A splendid variety of almost transparent whiteness. It is much the most popular sort in the entire list. There is no variety that grows more uniform in type and there are none that surpass it in quality. We recommend it as the best. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

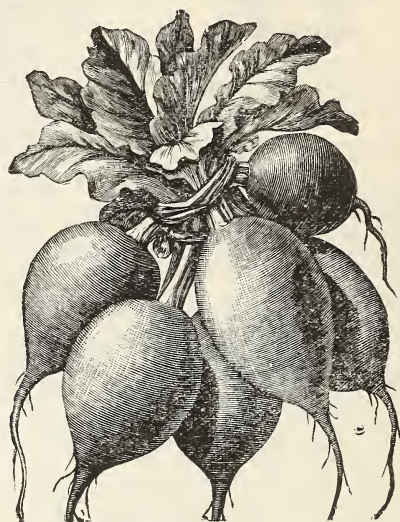
EARLY LONG SCARLET, or Short Top.—An old standard variety of quick growth, long, slender root. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

WHITE STRASBURG.—Of handsome, oblong shape, both skin and flesh being pure white. Excellent for summer use. Very popular because it remains fit for use a long time and does not get pithy. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

MIXED RADISH.—Our mixture of about two dozen kinds contains all shades and shapes. One sowing does for the whole season, as they come early, medium and late. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

WINTER RADISH

LONG BLACK SPANISH.—A large, black-skinned radish, with firm white flesh of pungent flavor. A good keeper, lasting until spring. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



EARLY SCARLET GLOBE

RHUBARB

One ounce will produce about 100 plants.

Succeeds best in deep, rich soil. Sow in the spring in drills, cover one inch. Thin to six inches apart; transplant in the fall or spring to permanent beds three feet apart each way.

WINEPLANT, or Strawberry Rhubarb.—The finest and richest flavored rhubarb. Stalks are smaller than other sorts, of a bright red color, and cook red, making a most appetizing dish. Prolific and good for all summer. Pkt. 10c; oz. 25c.

VICTORIA.—The standard variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

IDEAL MAMMOTH.—The largest pie plant. Leaves four feet across; stalks three inches in diameter and three feet long. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

RHUBARB ROOTS

Purchase roots, as you can save one year's time in this way. The roots we offer are large divided plants. Plant spring or fall, setting three feet apart.

Either variety 25c each; \$2.00 per dozen postpaid. Write for very low prices on larger lots. We have a splendid stock.



RHUBARB

SQUASH

One ounce of early varieties will plant about forty hills, 2 lbs. per acre. One ounce late varieties will plant about twenty hills, 4 lbs. per acre.

Plant about the middle of spring in hills, the early sorts four to six feet apart, the late varieties eight to twelve. Thin to three plants in the hill. The soil cannot be too rich. Use Slug Shot to kill the bugs.

DES MOINES SQUASH.—Introduced by us, under the name "Table Queen." Name changed at the request of the Des Moines Market Gardeners' Association. Vines are vigorous and very productive. Just the right size, averaging 6 inches long and 4 inches in diameter. Color dark green, shell hard, smooth and rigid. Just wash it clean, cut in half, take out the seeds, bake twenty minutes and you will have the necest squash you ever tasted. Splendid for pies. Ripens in the fall. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

GOLDEN BUSH.—The earliest of all and quite a favorite with all who like summer squash. Bright golden yellow color and of excellent quality. Oz. 15c; ¼ lb. 50c; lb. \$1.50.

WHITE BUSH SCALLOPED.—Like Golden Bush. Sometimes called "Patty Pan." Differs from the Golden Bush in color only. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

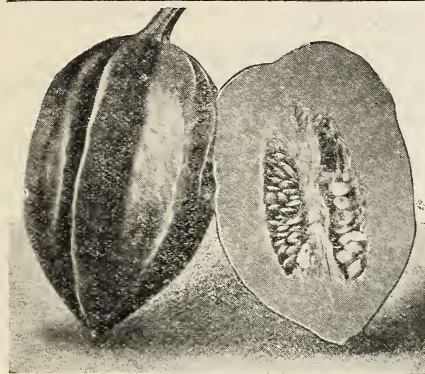
EARLY BUSH CROOKNECK.—Splendid, early, productive and of fine quality. No summer squash superior to this. Shape long, with curving neck; skin warted. Pkt. 5c; oz. 15c; ¼ lb. 55c; lb. \$2.00.

PEERLESS VEGETABLE MARROW.—In England they consider this far superior to squash. Peerless is the most desirable sort. Of excellent flavor. Pkt. 5c; oz. 15c; ¼ lb. 55c; lb. \$2.00.

the old Green Hubbard, except in color, which is bright, deep orange-yellow. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

SYME'S BLUE HUBBARD.—A new strain of Hubbard. Color clear light blue; thick shelled and a good keeper. Pkt. 10c; oz. 25c; ¼ lb. 55c; lb. \$2.00.

BANANA.—A distinct variety of fall and winter squash. Very prolific, grows to 2 feet or over in length; very fine grained, heavy. Cooks dry but free from "choky" quality common to winter squashes. Always rich, sweet and splendid flavor. Pkt. 5c; oz. 15c; ¼ lb. 55c; lb. \$2.00.



THE DES MOINES

EARLY PROLIFIC MARROW.—Early and productive; in color brilliant orange-red. Good cooking and keeping qualities. Ripens earlier than the Hubbards and is useful as an early fall variety. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

TRUE HUBBARD.—This is the most popular winter squash grown. Hard, green shell; flesh bright orange yellow, fine grained, very dry, sweet and rich flavor; keep in perfect condition throughout the winter. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

GOLDEN HUBBARD, also called Red Hubbard.—A counterpart of

TURNIP

One ounce will sow 150 feet of drill; 2 pounds will sow an acre.

For early, sow in April in drills half an inch deep and twelve inches apart; thin to six inches apart in the drill. For main crop sow broadcast in July and August, and before a shower if possible.

EARLY WHITE MODEL.—The handsomest and earliest. Fine grained and sweet. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

EXTRA EARLY PURPLE TOP MILAN.—Much like above but has purple top. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

WHITE EGG.—A quick growing, egg-shaped, perfectly smooth, pure white variety with small top and rough leaves. The flesh is very sweet. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

GOLDEN BALL, or Orange Jelly.—A beautiful bright yellow fleshed turnip of medium size and universally sweet and delicious flavor. Flesh extremely firm and solid. If you have never tried yellow turnips we advise you to plant Golden Ball this year. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

PURPLE TOP GLOBE.—The largest yielder of any turnip on the list. True to its name in shape and color. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Not prepaid, at 60c per pound.

PURPLE TOP STRAP LEAVED.—The standard for late planting. Of good size, flat shape, pure white below with purplish red top. Excellent keeper. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c. 5 lbs, not prepaid, at 55c per lb.

RUTA BAGA

Also called "Swede" turnips. A splendid table vegetable, also grown for stock feeding. Superior to turnips in quality. Sow in June in drills 2 feet apart; thin out to eight inches.

IMPROVED AMERICAN.—Very solid, good shape, smooth skin, small neck, keeps well. A choice strain of very best quality for table use or stock feeding. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00.

GARDEN PLANTS

Every garden should contain an assortment of these hardy plants and a few square feet will supply the family. Many believe if these well known remedies were kept and used more in families in place of so many drugs and patent medicines it would be better for the health of the people. We pay the postage.

CALAMUS—Plain Leaf.—(Acorus.) Also called "Sweet Flag." The roots are the part used and have a pleasant, aromatic taste. Each 15c; doz. \$1.50.

CHIVES.—Perfectly hardy little perennials of the onion tribe, and are grown entirely for their tops, which are used wherever flavor of onion is required. The tops appear very early in spring and can be shorn throughout the season. Roots per bunch 15c; 3 for 40c.

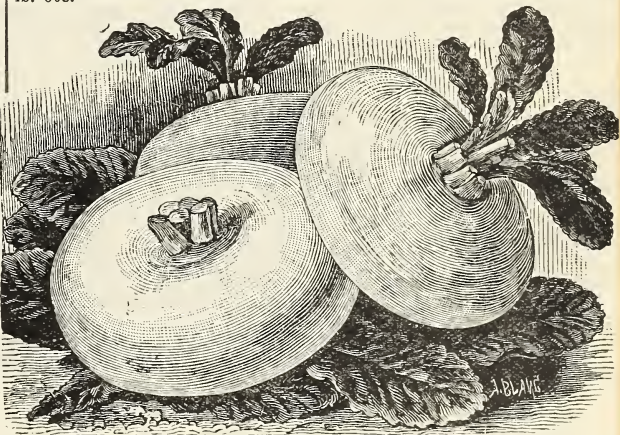
HOP ROOTS.—(Golden Cluster.) A fine variety of commercial hops. The vines are very ornamental when trained over rockeries, stumps, etc., with the added value of usefulness from the crop produced. Each 25c; 3 for 50c; dozen \$1.50.

MONARDA DIDYMA.—Also called Scarlet Bergamot and Oswego Tea. Not only useful as an herb, but very ornamental with bright scarlet flowers. Each 15c; 3 for 40c; dozen \$1.25.

PEPPERMINT.—All children know and like the flavor of peppermint. It has a high medicinal value. Any pantry collection of dried herbs is incomplete if it does not contain some. Be sure that your order calls for at least a few plants. Dozen 75c.

SPEARMINT.—Commonly called Mint and thousands of dollars worth of it is sold annually in New York, Boston and other cities for flavoring salads, garnishing meat, etc. Each 25c; 3 for 40c; doz \$1.00.

GARLIC.—Species of onion propagated by dividing the bulbs into small pieces, planting each one separately. It is quite pungent and is used for flavoring soups, stews, etc. Per lb. 50c postpaid. By express lb. 60c.



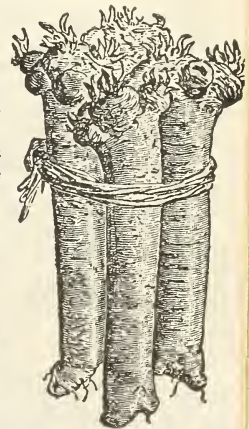
EARLY WHITE MODEL

HORSE RADISH

Grow it in your own garden and grate fresh. Plant the sets small end down in rows 3 feet apart, about 12 inches apart in the row. It does best in rich, loose soil covered about two or three inches. Price, crown sets 50c per doz.; \$2.50 per 100. Root cuttings 25c per doz.; \$1.50 per 100. Ask for price in large lots.

VEGETABLE PLANTS

We will have a full line of these in the spring and a price list will be issued in March. If interested in planting large lots, let us quote you special prices.





SUPERLATIVE

PRESERVING TOMATOES

GOLDEN NUGGET.—Has no equal as a preserving tomato. Fruits are beautiful golden yellow, round as a ball and about as large as a hulled black walnut. Pkt. 10c; oz. 50c.

PEACH.—Named from its resemblance to a peach in size and shape and color. Pkt. 10c; oz. 50c.

YELLOW PEAR.—Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

CRIMSON CURRANT.—A most charming little fruit of bright crimson color; borne in long clusters about the size of currants. Pkt. 10c; oz. 60c.

HERBS

In making up your assortment of seeds for the year, don't neglect to order a few varieties of herbs. The chief point is to harvest them properly, which should be done on a dry day when not quite in full bloom, dried quickly.

ANISE.—Seeds of agreeable aromatic taste. Pkt. 5c; oz. 15c.

BALM.—For making balm tea. Pkt. 5c; oz. 25c.

BASIL, SWEET.—For flavoring soups. Pkt. 5c; oz. 15c.

BORAGE.—Leaves used for flavoring. Pkt. 5c; oz. 15c.

CARAWAY.—Seeds are used for flavoring bread, cookies, etc. Pkt. 5c; oz. 10c.

CATNIP, or Catmint.—For seasoning. Pkt. 5c; oz. 30c.

CORIANDER.—Seeds used in confectionery. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 25c.

CASTOR OIL PLANT.—Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

CHAMOMILE.—Largely used for medicinal purposes. Pkt. 10c.

DANDELION.—For greens, also for medicine. Pkt. 5c; oz. 35c.

DILL.—Used in making dill pickles. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

FENNEL, SWEET.—Leaves used in sauces. Pkt. 5c; oz. 15c.

HYSSOP.—For asthma and catarrh. Pkt. 5c; oz. 20c.

HOREHOUND.—For seasoning and cough remedy. Pkt. 5c; oz. 20c.

LAVENDER.—Used as a perfume. Pkt. 10c; oz. 25c.

MAJORAM, SWEET.—For seasoning. Pkt. 5c; oz. 15c.

POPPY, or Maw.—Blue seeded. Pkt. 5c; oz. 10c.

ROSEMARY.—Aromatic leaves for seasoning. Pkt. 10c; oz. 60c.

SAFFRON.—Flowers used for coloring. Pkt. 5c; oz. 15c.

SAGE.—Much used for dressing. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

SUMMER SAVOY.—Used for flavoring. Pkt. 5c; oz. 20c.

THYME.—Leaves used for seasoning. Pkt. 5c; oz. 40c.

WORMWOOD.—Used medicinally and also for poultry. Pkt. 5c; oz. 25c.

MIXED VARIETIES.—A mixture of all the above. A nice garden assortment. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c.

MUSHROOMS

The spawn we offer is produced in this country and gives good results. Directions for culture sent on application. Per brick of 1 lb. by mail 40c. By express or freight, not prepaid, 5 bricks \$1.25, 10 bricks \$2.25, 100 bricks \$20.00.

TOMATO

One ounce will produce about 2,500 plants.

Sow early in hotbeds or seed boxes and when plants have four leaves transplant to 4 or 5 inches apart. When all danger of frost is past, transplant to the open ground, 4 to 6 feet apart each way. Our tomato seed is saved from hand-picked fruits. No decayed or deformed tomatoes are used.

BONNIE BEST.—A very early and desirable variety. The fruits are most attractive in shape, solidity and color, which is bright scarlet from outside to center. Ripens more uniformly than other early sorts. A favorite with market gardeners. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

JOHN BAER.—This variety is offered as one of the earliest for home and commercial use. In our trials we have found it to mature about the same time as Bonny Best. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

DWARF CHAMPION.—Also called Tree Tomato. Plant is dwarf and compact, stem stiff and short jointed, almost self-supporting when it is laden with fruit. Early. Color purplish pink. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

SUPERLATIVE.—The best of all the main crop tomatoes. Fruits are medium size, very solid and without exception the best flavored red tomato we have ever grown. It is very handsome, being a pinkish crimson in color. While we grow many other varieties on our Seed Farm our women folks use Superlative in preference to any other. Pkt. 10c; oz. 50c.

LIVINGSTON'S BEAUTY.—A standard variety that always gives satisfaction. In color it is purplish red. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

MATCHLESS.—Well worthy of its name for in beauty, color and symmetry of form it is without a peer. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

PONDEROSA.—A well known variety, rather late to mature. Fruits are very large and solid, of purple color. Inclined to be irregular in shape. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

CRIMSON CUSHION.—Like Ponderosa, except color, which is bright red. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

GOLDEN QUEEN.—Large yellow. Its fruit is smooth and of finest flavor. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.10; lb. \$4.00.

WONDER MAGNUS.—The best of the potato-leaved tomatoes. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

GRAND TOMATO TRIO

THE THREE MAJESTICS—RED, PINK OR YELLOW

One packet each of the three Majestics for 25c.

We have been featuring our three Majestics for several years and are selling more each year. They are certainly the last word in size and quality for main crop. They grow to immense size, are perfectly solid. Splendid quality, very few seeds and cannot be beat for canning. Either color, pkt. 10c; all three for 25c.

CANNING CLUB COLLECTION

EIGHT CHOICE GARDEN FRUITS FOR PICKLING, PRESERVING AND CANNING

GROUND CHERRY.—A delicious garden fruit relished by all. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

GARDEN HUCKLEBERRY.—Another splendid little fruit. You will like it. Pkt. 10c.

APPLE PIE MELON.—A large citron melon of superior quality. Per pkt. 10c.

VINE PEACH.—The finest thing for sweet pickles. Pkt. 10c; oz. 30c.

AMERICAN MAMMOTH DILL.—For dill pickles. Pkt. 10c.

LEMON CUCUMBER.—Splendid for sweet or sour pickles. Unsurpassed for slicing. Pkt. 10c; oz. 25c.

GOLDEN NUGGET TOMATO.—Best of the preserving tomatoes. Round in shape, bright yellow in color, and about the size of a hulled black walnut. Wonderfully prolific. Pkt. 10c; oz. 50c.

PIMENTO PEPPER.—Medium to large size and suitable for making green pepper pickles. Per packet 10c.

One pkt. of each, sufficient for the ordinary garden, postpaid, only 50c

CHILDREN'S GARDEN COLLECTION

Let the children have their own plot, do their own harvesting, and see how much enjoyment they get from their work.

1 pkt. **YELLOW GROUND CHERRY**, sweet and good; 1 pkt. **PEACH TOMATO**, fine flavored and small size; 1 pkt. **TIP TOP MUSK MELONS**, large and fine quality; 1 oz **SWEETHEART WATER MELON**, as good as the name; 1 pkt. **AUSTRALIAN HULLESS POP CORN**, the best pop corn variety; 1 oz. **CHUFAS** or **EARTH ALMONDS**, small sweet ground nuts of delicious flavor; $\frac{1}{4}$ lb. **SPANISH PEANUTS**, can be grown in any good soil.

Seven items of the best, amounting at regular value to 80 cents.

MAILED POSTPAID FOR ONLY 50 CENTS.

FARM SEED DEPARTMENT

This department is under the management of Mr. George L. Kurtzweil, our Secretary and Treasurer, who was raised on a Seed Farm, has Agricultural College training, and has been working with Mr. C. L. Bane, the acknowledged corn expert for many years.

We are well equipped with mills, graders and cleaning machinery for handling and cleaning all kinds of grain and grass seeds.

We are very proud of the reputation our "IOWA SHIELD BRAND" seeds have acquired and we spare no work or effort to maintain this high (99.50% Pure) standard of excellence.

SHIPPING.—Our shipping facilities are excellent, so that we can give you prompt service. We do not pay freight or express on farm seeds but we deliver to the depot here and furnish bags without charge.

PRICES.—Prices named in this department are subject to important market changes. We print a weekly price list during the spring season. If you will write us, sending list of your requirements, we will take pleasure in sending samples and quoting our price.

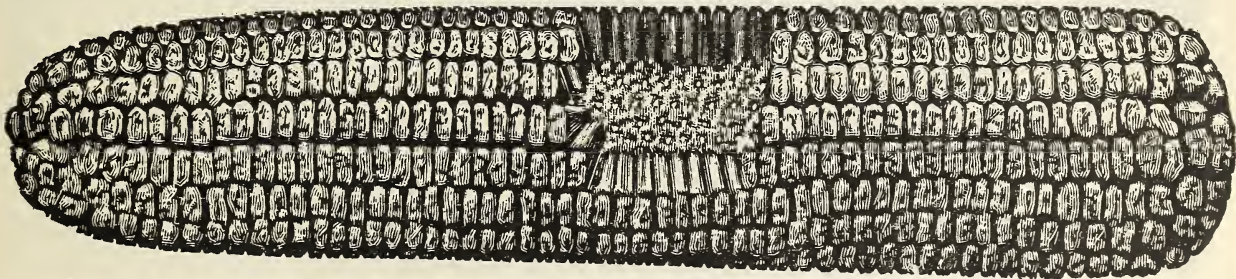
You take no risk when you order from us as all orders are sent out with the understanding that seed must be

satisfactory to you or it may be returned to us within 15 days and the money paid will be refunded. This gives you time to inspect and test or to have it inspected and tested by any authority, and we will abide by the report. There is no sale until you are satisfied.

ABOUT WARRANTING.—We thoroughly test all our seeds and nothing is sent out which we do not believe to be good in every respect. However, we give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, and the money paid for same will be refunded. We know of no responsible seed firm in the world which guarantees seeds any further than this. Compare with other seed catalogues and you will find we are right.

SEED CORN

Our Seed Corn is grown by us or is grown for us and is hand-selected, carefully tested for germination, is tipped, butted carefully, graded, and is as choice as care and labor can produce. We handle only varieties of proven excellence.



KRUG YELLOW VICTOR

KRUG YELLOW VICTOR

ITS ORIGIN

Seventeen years ago Mr. George Krug of Woodford County, Illinois, purchased of the Iowa Seed Company some World's Fair and Iowa Gold Mine seed corn. He mixed the two varieties and planted them together through the same planter boxes. From this planting has been developed the splendid corn which we offer you under the title "Krug's Yellow Victor."

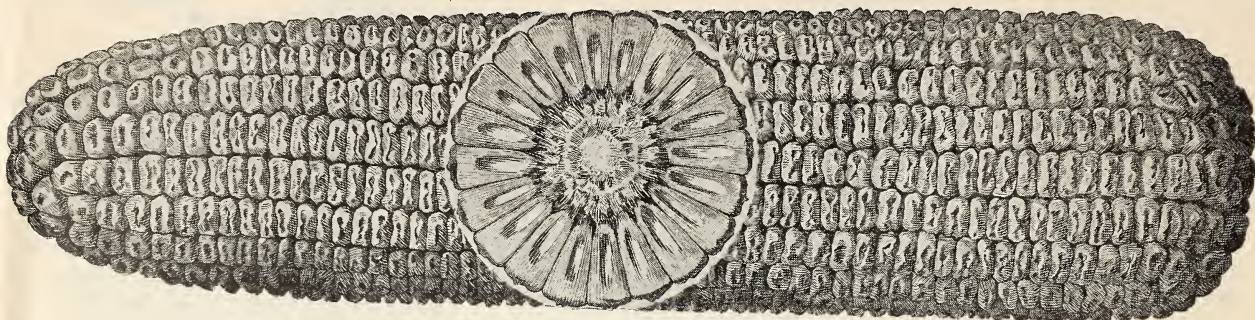
The original stock of World's Fair Corn was the ten ears which took first prize at the World's Columbian Exposition held in 1892 at Chicago. We introduced it to the public under the name "World's Fair." Our Iowa Gold Mine Corn is so universally known that no details are necessary, except that from this parent the Krug's Yellow Victor no doubt gets its early maturity and fine color.

ITS RECORD

The superiority of this corn was proven under the most exacting contest ever conducted among corn-growers, as will be noted in details below:

The Woodford County (Illinois) Farm Bureau under direction of the County Agent instituted a three-year acre yield corn contest among the farmers of that county. Each contestant was required to select seed each year and deliver it to the County Agent. The selected seed was planted under number designations so that results might not become public until completion of the contest. One hundred and twenty of the farmers remained in the contest the full period of three years and met the requirements. When the results were compared it was found that Krug Yellow Victor had given the greatest yield each season. By reason of this showing the County Agent purchased for the Farm Bureau the entire crop of Mr. Krug and distributed it among the farmers of Woodford County, so that today it is practically the only variety grown there.

We sent this corn out last year on its reputation for being the highest yielder and it has made good everywhere as a high yielder and has this year produced a crop of perfectly sound corn, when practically every other variety had a large percentage of chaffy, immature ears. Our stock of this corn was hand picked in the field in October, hung, air-dried and not allowed to freeze. We know of no way to produce a better seed corn. You will find the germination all you could ask for—test it any way you wish. We have a fairly large crop. As long as it lasts the price is: Per bu. \$10.00; 5 bu. \$45.00. 1923 crop, test guaranteed, \$5.00 per bu.; 5 bu. \$22.50. New crop, regular stock, graded, \$7.50 per bu.; 5 bu. \$35.00.



IOWA SILVER MINE

IOWA SILVER MINE

THE CORN THAT ALWAYS MAKES A CROP.
MOST WIDELY GROWN WHITE CORN.

The heaviest yielding corn of all and that is true regardless of location. We have reports from all parts of the United States praising Iowa Silver Mine Corn in highest terms. We introduced this corn more than thirty years ago. Each year the stock seed was carefully selected to maintain its superior qualities and the past several years we are using the "ear row method" of selecting our stocks of seed corn, which enables us not only to select the best ears but also to reject ears with inferior qualities.

We are very proud of the record this corn has made. There has not been a single failure in the thirty years we have been growing and selling it. If we could have but one variety we would choose this, as it possesses all the qualities required of a good corn.

IT IS TRULY THOROUGHbred

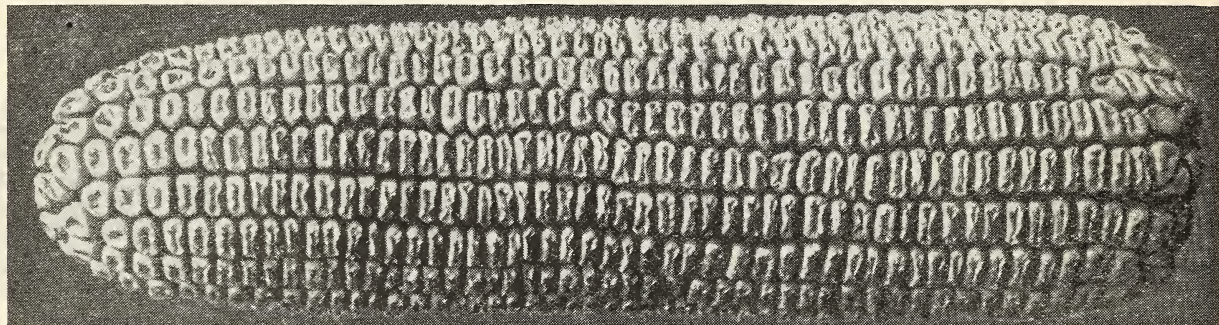
The stalks grow 7 or 8 feet high and set the ears well up on the stalk. The ears are very uniform in shape and size, 10 or 11 inches, with 16 to 20 straight rows of deep pure white kernels which are slightly hacketed but not rough and are easy to husk.

Matures with us in 100 days. Has never failed to make a good crop. Stands a hot, dry summer better than most varieties.

The Iowa Silver Mine has no superior as an ensilage corn. The Agricultural Experiment Station at Rocky Ford, Colo., states in their bulletin that it produced more and better proportioned ensilage than any other in a test of over thirty other varieties.

Not only is it the best white corn but is second to none in any way.

PRICE—Bu. \$5.00; 7 lbs. postpaid \$1.25.



IOWA GOLD MINE

IOWA GOLD MINE

DEEPEST GRAINED, PUREST YELLOW CORN IN EXISTENCE.
THE FEEDER'S FAVORITE VARIETY.

It ripens in ninety-five days and never fails to mature and is the most certain to succeed in adverse seasons. It is all corn and corn of extra quality.

Seventy pounds of Iowa Gold Mine on the ear will make 62 to 63 lbs. of shelled corn. This is the smallest proportion of cob of any variety.

On account of the deep grains it shells easily and none is wasted when fed to cattle.

If you want a corn that has high feeding value, that is a good yielder and sure to mature you will be pleased with Iowa Gold Mine.

We began making this variety in 1889. In 1897 we first offered it under the name Iowa Gold Mine. We sold it on sample and quickly disposed of all we had that year and we have never failed to be sold out each year since and the demand today is greater than ever. There must be a reason.

Many varieties have sprung up and been offered during these years but have had their day, while Iowa Gold Mine is still going strong.

Iowa Gold Mine has always given greatest value to the feeder. Ripening ahead of the larger, later varieties it can be fed direct from the field at a time when grain feed is highest in price and hard to get. The cob is small and easily crushed by cattle and it will surprise you how rapidly animals will gain on new Iowa Gold Mine Corn.

With much of the corn soft and of poor feeding value this year we believe that grain feed will be very scarce and high in price next September. Plant a few acres of Iowa Gold Mine and have grain from the new crop two or three weeks before your main planting can be used.

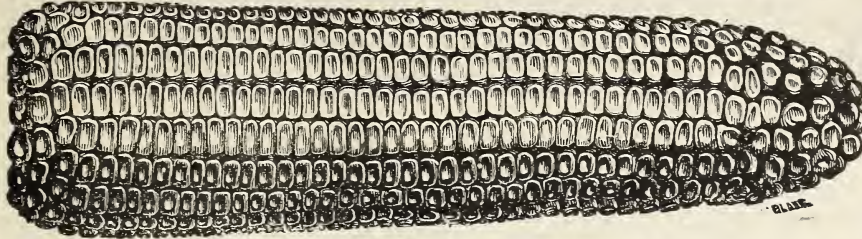
The best proof of the value of Iowa Gold Mine is the fact that once planted the grower wants a field of it every year in spite of the larger yield possible from other varieties. Think how much it would have saved you the past year if a part of your corn crop was Iowa Gold Mine and then plan to plant some this year.

PRICE—Bu. \$5.00; 7 lbs. postpaid \$1.25.

REID YELLOW DENT

Thoroughbred, Carefully Selected Stock.

Most farmers know the Reid Dent Corn, and it is very popular because of the smooth, symmetrical ears, which are always uniform and make it one of the most attractive varieties for market selling. Because of its handsome appearance it is generally accepted as the show standard, and because of show record is widely known and generally distributed. Our particular strain is far



PRIDE OF THE NORTH

superior to the common strains found on most farms. Our original stock was direct from Mr. Reid, the introducer, and we have grown it continuously for many years.

PRICES—7 lbs. (will plant one acre) \$1.25 by mail; bu. \$5.00. See Farm Seed Price List enclosed in this catalog for quantity price.

PRIDE OF THE NORTH

The Earliest Variety of Yellow Dent Corn. Matures in Ninety Days.

Originated with A. L. Goddard of Kossuth County, Iowa, near Minnesota line. The ears are 7 to 8 inches long, with small cob and kernel. Color bright orange, very uniform and matures in this latitude when planted in June. It is the dependence of the man in a pinch. If for any reason you cannot plant at proper time, Pride of the North will make a crop in less time than the large-eared sorts.

PRICES—7 lbs. (will plant one acre) \$1.25 prepaid; bu. \$5.00. See Farm Seed Price List enclosed in this catalog for quantity price.

LENOCHER HOMESTEAD

The Greatest Red Corn Ever Produced. A Hundred Bushels Per Acre Variety.

This is the corn that won the Iowa Homestead prize of \$100 for the best three acres of corn grown under ordinary methods. The crop produced yielded 345 bushels on the three acres on the farm of Mr. G. F. Lenoche, a practical farmer and feeder of Dallas County, Iowa. We made arrangements with Mr. Lenoche to introduce the corn to the public and gave it the name of Lenoche Homestead. Color is a rich dark red, grain deep and hackled; ear somewhat above the average with small cob which dries out rapidly so that it is not likely to be caught by frost. May be grown anywhere that Iowa Silver Mine matures. It is a splendid silage corn and produces good crops in unfavorable seasons.

PRICES—7 lbs. (will plant one acre) \$1.25 prepaid; bu. \$5.00. See Farm Seed Price List enclosed in this catalog for quantity price.



LENOCHER HOMESTEAD

Extra Early Flint Corn

Ready For Use a Month Earlier Than Ordinary Varieties.

The great value of the Flint varieties of corn is in the production of early feed for live-stock because it is sufficiently matured for feeding far in advance of the Dent varieties.

SANFORD'S EARLY WHITE FLINT.—This standard variety is considered the best flint corn on the market. The ears are of unusual length, 12 to 15 inches, and of handsome shape and flinty white color. 3 lbs. 75c postpaid. By freight or express, not prepaid, pk. \$1.50; bu. \$5.00.

Yellow Flint same price as White Flint.

Evergreen Sweet Fodder Corn

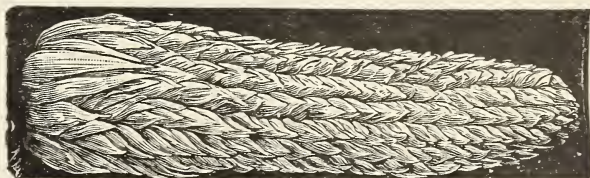
Superior To Field Corn In Feeding Value.

Last year grew a splendid crop, both in quality and quantity, and we are therefore enabled to offer it at a low price. Our seed is from pedigreed stocks selected for sugar content. The best ears are selected for Stowell's Evergreen garden corn while the remainder of the crop is made into this fodder corn. We consider it one of the most valuable fodder plants in existence, and stock farmers should all devote some land to it.

PRICES—10 lbs. \$1.25; \$10.00 per 100 lbs.

A UNIQUE AND NOVEL VARIETY OF CORN

PRIMITIVE OR POD CORN.—It is from this wild variety that all of our civilized sorts have sprung. The ears are of fair size and each individual kernel or grain is covered with a husk and all is enclosed in an outer husk like common corn. In some of the wild and uncultivated parts of Mexico, the primitive or natural corn can still be found growing wild. It is quite curious and valuable for exhibition purposes and attracts great attention wherever seen. Pkt. 10c. Specimen ear 40c postpaid.



PRIMITIVE OR POD CORN



SEED OATS

Buy Iowa Grown Seed. The Best Oats in the World are Grown in Iowa.



For the farmer who wants to sow grass seeds with oats, we recommend the White Kherson (Iowa 108) on ordinary soil, or the Richland (Iowa 105) on strong soil. These do not make such rank growth of straw as other sorts and will not lodge under ordinary conditions.

THE IOGREN OAT.—This is a new variety sent out by the Ames College. The Iogren is a thoroughbred from Green Russian and is a great improvement over that well-known popular sort. Price 2½ bu. bag \$3.00.

THE IOWAR OAT.—Prof. Burnett's latest introduction at Ames College. The professor says it is three days later, three inches taller and yields three bushels per acre more than White Kherson (Iowa 108). The grain is good size, thin hull and good color, so it is popular for market. We recommend it to our farmers. By freight, per bu. \$1.00; 2½ bu. bag \$2.25. See Farm Seed Price List for quantity price.

WHITE KHERSON (Iowa 103).—A production from Ames College. Bred by Prof. L. C. Burnett, agronomist at the Iowa Agricultural College, and introduced by us. Prof. Burnett gave it the designation of "Iowa 103" and we gave it the trade name of "White Kherson" because we believed that numbers might become

confusing. It is without doubt the most popular variety in our state. It is very early, the grain is plump and heavy, with thin hull. The straw is strong and stands up well on good soil. Our seed is pedigreed stock grown continuously by us since first given us by Prof. Burnett, and it has always been given great care in seed selection and in grading. By freight, per bu. \$1.00; 2½ bu. bag. \$2.25. See Farm Seed Price List for price in quantity.

THE RICHLAND OAT (Iowa 105).—The best variety for rich strong and. Another variety from the Agricultural College, bred by Prof. L. C. Burnett, and it was sent out as the best for strong rich ground, where the ordinary varieties of oats would lodge. It does not grow very tall, but has stiff strong straw and it will stand up under adverse conditions better than any other variety known. It is very early and produces wonderful crops and competes with the White Kherson in quantity produced. The grains are medium sized, light yellow in color, plump and heavy. By freight, per bu. \$1.00; 2½ bu. bag \$2.25. See Farm Seed Price List for price in quantity.

SEED WHEAT

We believe that it will pay to raise wheat this year, as there is no surplus, and fall planting was not so extensive as usual.

MARQUIS.—This is the wheat that won the \$1,000 prize at New York Agricultural Exhibition against all exhibitors, representing every wheat growing section of the western hemisphere. Originated at the Experimental Station at Ottawa, Canada. We have found it the best beardless variety for Iowa planters. We grow our own stock in Iowa because we find that acclimated seed is better for our friends than stock secured from the North. Grows stiff, strong straw of medium height, has round dark red kernels and matures two weeks earlier than the old blue stem types. Popular because free from beards and not so hard to handle at harvest. Per lb. 25c; 3 lbs. 60c postpaid. By freight, per bu. \$2.50. Ask for price in quantity.

EARLY JAVA.—The early bearded sort that is so prolific and gives best returns in the corn belt. It is a bearded variety which for many years past has given far better satisfaction in central Iowa than any other bearded variety. Earlier than the Velvet Chaff or other standard sorts and thus escapes the extreme hot weather so injurious to small grain. It is usually ready for harvest as early as winter wheat and therefore desirable to sow on land where winter wheat has partially failed. A good crop can this way be secured from fields which would otherwise be unprofitable. By freight, per bu. \$2.50. Ask for price in quantity.

MACARONI OR DURUM WHEAT

It will yield more bushels per acre than ordinary varieties. It is always a sure crop. It grows very strong and vigorous and gives a good return on poor land. The grains are hardy, glossy, often translucent, large and plump and really beautiful. It seems to be freer from smut or rust than ordinary varieties. Sow one and one-half bushels per acre. By freight, per bu. \$2.50. Ask for price in quantity.

SEED BARLEY

MANDSCHEURI.—Improved strain of standard six-row barley. The standard market variety by which all are graded. It is an early variety, very strong stiff straw, stands up and stools well. It bears large well-filled heads of plump grain. By freight, per bu. \$1.75. See Farm Seed Price List for quantity price.

ODERBRUCKER.—First introduced into the U. S. from the Agricultural Experiment Station at Guelph, Ontario, Canada. Bred and disseminated at the Wisconsin Agricultural College by Prof. R. A. Moore who claims it is the greatest barley in this country for feeding or malting purposes. It is bearded and in growth similar to Mand-scheuri but the straw is somewhat stronger and stiffer, and will stand upon the richest ground. Will not rust and is free from smut. Per lb. 25c; 3 lbs. 60c postpaid. By freight, per bu. \$1.75. See Farm Seed Price List for quantity price.

SEED RYE

MAMMOTH SPRING RYE.—This is quite different from the winter rye. It is not only more productive but the grain is of finer quality and it can be successfully grown in any latitude. The straw is of special value as it stands six or eight feet high. Produces thirty to forty bushels of grain to the acre. As it does not stool like winter rye, not less than two bushels to the acre should be sown. By freight, per bu. \$2.50. See Farm Seed Price List for quantity price.

MONSTER WINTER.—It is usually sown in the fall. If sown early in the spring, it makes an early and abundant pasture, but makes no grain crop. We can supply in the fall this and other varieties of rye for grain production, and will be glad to quote the different kinds about August 1st. By freight, per bu. \$1.75. See Farm Seed Price List for current values in quantity.

BUCKWHEAT

Buckwheat is a valuable crop. Generally sown in July and fills up vacant plots at a time when all other planting is past. Also largely used as a winter cover crop in orchards and nurseries. Use about one-half bushel seed per acre.

JAPANESE.—Is more productive than any other and succeeds well far north. The kernels are quite large. Lb. 25c; 3 lbs. 60 c postpaid. By freight, per bu. \$2.50. See Farm Seed Price List for current prices.

SILVER HULL.—Grain is light gray color, rounder than the common variety, has a thinner husk; earlier. Lb. 25c; 3 lbs. 60c postpaid. By freight, per bu. \$2.50. See Farm Seed Price List for current values. Write for price.

SEED FLAX

Our seed is thoroughly re-cleaned, free from mustard or any other seed and is as good as can be purchased anywhere. Do not buy flax seed on open market. It is generally full of weed seed. Per lb. 20c; 3 lbs. 50c postpaid. By freight, per bu. \$4.00. Market changes. See Farm Seed List for prices.

BROOM CORN

EVERGREEN.—The brush is noted for fine quality, good length and handsome appearance. Lb. 25c; 3 lbs. 65c postpaid. See Farm Seed Price List.

DWARF.—Popular in some sections. Matures late. Lb. 25c; 3 lbs. 65c postpaid. Send for Farm Seed Price List for value on quantity.

SUNFLOWER

The very best poultry feed for winter. Drill in rows. **MAMMOTH RUSSIAN.**—Extremely large sunflower. Large pkt. 5c; lb. 85c; 3 lbs. 90c postpaid. By freight or express, not prepaid, 10 lbs. \$2.25; bu. (25 lbs.) \$5.00.

WHITE CANADA FIELD PEAS

Their value is for early hay. Sow early as the ground can be worked, one bushel of peas to two bushels of oats per acre. Mix together and sow with grain drill. Cut when oats are in the milk, cure as ordinary hay. Matures in 90 days. Peas add nitrogen to the soil like clover so the crop is a help. Lb. 25c; 3 lbs. 60c postpaid. See Farm Seed List for quantity prices.

COW PEAS

COW PEAS.—These have been so generally superseded by soy beans that they are no longer an important item. We can supply the New Era and Whippoorwill varieties. Per lb. 25c; 3 lbs. 60c by mail postpaid. See Farm Seed Price List for quantity values.



SUDAN GRASS

**MAKES FINE QUALITY HAY. WONDERFULLY PRODUCTIVE.
A MOST VALUABLE QUICK GROWING PLANT FOR
AN ANNUAL HAY CROP.**

Sudan has made a place for itself as a forage and hay crop. It has the advantage of being inexpensive to sow, as 8 to 10 lbs. drilled or 15 to 20 broadcast is sufficient, and price this year is low. Will make two cuttings for hay if sown early or one good crop of hay, and pasture afterwards until freezing weather. Lb. 25c; 3 lbs. 60c postpaid. See Farm Seed Price List for quantity price.

KENNEY'S EARLY AMBER CANE

An improved variety grown on our own farms to keep it pure. The stock seed has been saved from stalks tested for sugar content. This process has been followed for a number of seasons, until we now have without doubt the best sorghum cane in the country. Specially recommended for northern planters as it matures quicker than other varieties. Use only 5 lbs. seed per acre. Per lb. 25c; 3 lbs. 60c postpaid. Not prepaid, 10 lbs. \$1.25; 25 lbs. \$2.50; 100 lbs. \$8.00.

CANE FOR FODDER OR SILAGE

There is no fodder plant in existence that is so generally popular. It is profitably grown anywhere from Manitoba to Mexico, on any good corn ground, and does not appear to be affected by drouth. It is easy to raise. It is valuable as green forage, as hay or fodder, and as silage. It is wonderfully productive. Send for free circulars on Cane and Sudan Grass. See Farm Seed Price List.

EARLY ORANGE CANE

Seeds are produced in compact head similar to Kaffir and Feterita. It is a few days later to mature than the Amber. It is not so good for northern planters as Kenney's Amber. The syrup is somewhat lighter than that made from the Amber variety. High grade seed, per lb. 25c; 3 lbs. 60c postpaid. Not prepaid, 10 lbs. \$1.25; 25 lbs. \$2.50; 100 lbs. \$8.00.

KAFFIR CORN

Grown here principally as a poultry feed, for which purpose it is excellent. Also has some value for forage. Price per lb. 25c; 3 lbs. 50c postpaid. By freight or express, not prepaid, 10 lbs. 75c; 25 lbs. \$1.50. See Farm Seed List for quantity values.

FETERITA

Similar to Kaffir corn in general habit. It matures earlier than Kaffir, and the grains are somewhat larger and softer. Suitable for feeding most any kind of live stock. Price same as Kaffir Corn.

MILO MAIZE

Belongs to the same family as Kaffir Corn and resembles it in manner and habit of growth. Grain is light red color. Price same as Kaffir Corn.

DWARF ESSEX RAPE

SOW IN SMALL GRAIN. SOW AMONG THE CORN.

A very popular and useful green forage crop. Fine for quick pasture for hogs, sheep or chickens. May be sown early, either alone for early pasture or with oats to make pasture after the oats is cut. Rape is also sown in corn at last cultivation. This is a very profitable method where the crop is to be "hogged down" in October. Pkt. 5c; lb. 25c; 3 lbs. 60c postpaid. Not prepaid, 10 lbs. \$1.50; 25 lbs. \$3.00. See Farm Seed Price List for quantity prices.

SAND OR WINTER VETCH

Should be seeded in the fall. Makes fine pasture in the spring. Also used for hay. Gathers nitrogen like clover. Pkt. 10c; lb. 40c; 3 lbs. \$1.00 postpaid.

SOY BEANS

The most valuable method of using the Soy Beans in the Corn Belt is to plant them in the corn at the time of planting. Most planters now have either a Soy Bean attachment or one which can be adjusted to the dropping of the beans. The crop is "hogged down" in October and produces pork at very low cost. If rape is sown in corn and beans at last cultivation, added value is given to the pasture. For hay or fertilizer purposes use one to two bushels per acre and plant with a grain drill. Harrow the beans until four or five inches high. As a crop to improve the soil it is equal to clover. The roots of the plant gather nitrogen in the same manner as clover. When grown for a seed crop, use 15 to 30 lbs. per acre, drilling in rows 36 to 36 in. apart, with beans one inch apart in the rows. Cultivate frequently. An average yield on good soil is 25 bushels per acre. There are a great number of varieties. We list only those varieties proven to be adapted to northern conditions. Pkt. any variety 5c; lb. 25c; 3 lbs. 60c postpaid. Not prepaid, \$3.50 per bu. See Farm Seed Price List for varieties and prices.

VARIETIES OF SOY BEANS

BLACK EYEBROW.—Beans are black and yellow, easily identified. Very prolific, early ripening and desirable. Produced the heaviest crop for us this season.

MANCHU.—Medium size, clear yellow bean; grows upright, heavy foliage and splendid yielder. Our stock is true to name, grown here in Iowa.

ITO SAN.—Best known variety. Beans yellow. Upright grower, heavy foliage, very prolific.

MIDWEST.—A small yellow bean of excellent habit. Matures easily. Stands up well, with strong foliage. Formerly sold under the name of Mongol and Medium Yellow.

MILLETS

Nothing like millet to cover up shortage in hay. Can be sown in the middle or end of July and makes a valuable crop. Sow 50 lbs. per acre for hay, thirty pounds per acre for seed crop. As a rule a seed crop is profitable.

IOWA SHIELD GOLDEN MILLET.—This is an extra fancy grade of the true Golden Millet of the Tennessee or cultivated strain. Per lb. 25c; 3 lbs. 60c postpaid.

SIBERIAN MILLET.—Frequently called Red Millet. Lb. 20c; 3 lbs. 50c prepaid.

JAPANESE MILLET.—(Panicum crus-galli.) Sow thirty pounds per acre for hay, twenty pounds for seed crop. The "Billion Dollar Grass." Valuable for the north. Yields an enormous crop. Makes an excellent hay. Per lb. 30c; 3 lbs. 75c postpaid.

PERMANENT GRASS MIXTURES

These mixtures we make up to suit the various purposes and conditions. Nothing but good new seed of high germination is used. The proportions are based on State Experiment Station experience. Made up for the following uses:

Upland Meadow, Lowland Meadow, Upland Pasture, Lowland Pasture, Woodland Pasture.

LAWN GRASSES

Our Lawn Grass is made of choice re-cleaned stocks. No chaff or screenings are ever used. People are more critical about seeding the lawn than any other seeding or planting they do and we know our Lawn Grass will stand the test of the most exacting home makers. We sell by weight, not by measure, which means more than double amount of clean seed for the price. Send for booklet, "How to Make a Lawn."

EVERGREEN MIXED LAWN GRASS SEED.—Our own special mixture of grass seeds suited for growing together in the central and northern states. Is formed of grasses which keep green from early spring all through the summer. Per lb. 50c; 3 lbs. \$1.40 postpaid. Not prepaid, 10 lbs. \$4.00.

SHADY PLACE MIXTURE.—This mixture is a combination of fine, dwarf-growing, evergreen varieties of grass which grow naturally in the woods or in shaded spots, to make a fine lawn under shade trees. Heavy seeding makes quick sod. Price per lb. 75c; 3 lbs. \$2.00 postpaid. Not prepaid, 10 lbs. \$5.00.

TERRACE LAWN MIXTURE.—This is a mixture of grasses which have strong and spreading roots, making a close turf which heavy rains cannot wash out easily. Per lb. 75c; 3 lbs. \$2.00 postpaid. Not prepaid, 10 lbs. \$5.00.

KENTUCKY BLUE GRASS

KENTUCKY BLUE GRASS, "Iowa Shield" Brand.—We pride ourselves on this extra choice grade, which is of such unusual purity and high germination. Lb. 60c; 3 lbs. for \$1.50 prepaid. Not prepaid, 10 lbs. \$4.25. See Farm Seed Price List.

WHITE DUTCH CLOVER

WHITE CLOVER, "Iowa Shield" Brand.—The well known common white clover. Lb. 75c; 3 lbs. \$2.00 postpaid. See Farm Seed List for quantity prices.

LAWN FLOWER MIXTURE

A special mixture of low growing, quick blooming flowers, very desirable for sowing with Lawn Grass Seed in the spring. Pkt. 10c; oz. 35c.

LAWN FERTILIZERS

PEERLESS FERTILIZER.—Lawn grass is a voracious feeder and will not thrive and hold its color and velvety appearance unless it is suitably fed. Our Peerless Fertilizer is of best quality, dry, finely pulverized, easy to apply, practically non-odoriferous. In preparing a new lawn sow 25 to 50 lbs. per 1,000 sq. ft. of surface, according to richness of soil, raking in thoroughly. For top dressing on lawns, use about 40 lbs. per 1,000 sq. ft. or 1,000 lbs. per acre, early in spring. 10 lb. pkg. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00. Ask for price in quantity.

SHEEP MANURE.—This is a natural manure, unadulterated. If wanted in liquid form, dissolve at the rate of 1 lb. to 5 gallons of water. Price, 10 lbs. for 50c; 50 lbs. \$1.75; 100 lbs. for \$3.00. Ask for price in quantity.

PURE BONE MEAL.—It is clean, free from odor and gives results in added growth of grass. Preferred by many users because it lasts longer than other fertilizers, one application usually showing results for several seasons. 10 lbs. 50c; 50 lbs. \$1.75; 100 lbs. \$3.25. Ask for prices in quantity.



We do not handle imported clover or alfalfa as quality is always inferior, besides the danger of weed seeds.

Our Iowa Shield Brand stands for choicest, plump-est, cleanest seed. In figuring the cost of your seeding remember a pound of clean seed goes farther than a pound of seed and something else with it.

CLOVERS

MEDIUM OR COMMON RED CLOVER.—This is the most important of all clovers and the standard everywhere for hay and pasture and our "Iowa Shield" grade is the plump-est, cleanest, purest, fanciest grade, tested and of high quality.

MAMMOTH RED CLOVER.—This is also called Sapling or Pea Vine clover. It resembles the Medium Red but grows coarser and more vigorous. It is the best clover for pasturing, but not as desirable for hay.

ALSIKE CLOVER.—Alsiike clover is a perennial variety and because it does not die out, it is preferred for permanent pastures and meadows. It thrives on wet, heavy soils and in mucky ground better than any other clover.

WHITE DUTCH CLOVER.—The low-growing creeping hardy white-flowered sort. Its principal use is in permanent pastures. Per lb. 75c; 3 lbs. for \$2.00 postpaid. See Farm Seed Price List for quantity value.

TIMOTHY AND ALSIKE MIXTURE.—We mix this ourselves to safeguard quality and proportion. 25 lbs. Alsiike to 75 lbs. timothy. A splendid item for permanent meadow and makes really desirable hay.

IOWA SHIELD ALFALFA

Send for free booklet "How to Grow and Use Alfalfa."

No crop is so valuable for permanent meadow as Alfalfa. Three crops of hay are cut in Iowa and the North generally. We procure our Alfalfa seed from the states of Kansas, Nebraska and South Dakota so that they are suitable for any section of the country. Per lb. 40c; 3 lbs. \$1.00 postpaid. See Farm Seed Price List for quantity price.

GRIMM ALFALFA

We are offering what we believe to be true Dakota grown stock of this variety. We will use the greatest care to provide our customers with genuine Grimm. Per lb. 75c; 3 lbs. \$2.00 postpaid. See Farm Seed Price List.

SCARIFIED SWEET CLOVER

Ask for Free Circular on Sweet Clover and price per bushel. **SCARIFYING THE SEED.**—One great difficulty with Sweet Clover in the past was slow germination. In the natural condition, the seed has a very hard hull and the germ does not start quickly. Prof. H. D. Hughes of the Iowa Agricultural College at Ames, Iowa, perfected a machine and permitted us to install one in our warehouse so that we can now supply our customers with seed that will show a high percentage of germination.

WHITE BIENNIAL.—(Melilotus Alba, or Bokhara.) The white flowered variety. Per lb. 30c; 3 lbs. 75c.

YELLOW BIENNIAL.—(Melilotus Officialis.) Very similar to the white-flowered. Not so rank and coarse and for this reason is claimed to be superior for hay. Lb. 30c; 3 lbs. 75c.

HUBAM, ANNUAL SWEET CLOVER.—Ask for free circular on Hubam and price per bushel. This is the annual white-flowered Sweet Clover, discovered by Prof. Hughes of the Iowa Agricultural College, who traced its point of origin to Alabama, where it was found growing among the biennial variety. It was given the name "Hubam" for the sake of brevity and to combine the name of the discovered with the place of discovery, and also to distinguish it from other clovers. It is expected by the use of Hubam to build the soil in one season as much as in two seasons with the common red clover.

TIMOTHY

TIMOTHY.—Is the foundation grass for meadow and pastures and is popular because it fits in with almost any rotation system. Generally sown with clover in spring, among oats, wheat or rye. Use 12 lbs. of seed per acre if alone; 10 lbs. with clover. Per lb. 25c; 3 lbs. 50c postpaid. Ask for price in quantity.

IOWA SHIELD KENTUCKY BLUE GRASS.—It thrives in all parts of the United States. As a pasture grass it affords more nourishment for live stock than any other. Sow 15 lbs. per acre. By mail, postpaid, per lb. 50c; 3 lbs. \$1.40. See Farm Seed Price List.

ORCHARD GRASS.—Thrives better in shaded situations than other grasses and is therefore specially valuable for woodland pastures. Per lb. 50c; 3 lbs. \$1.40 postpaid. See Farm Seed Price List.

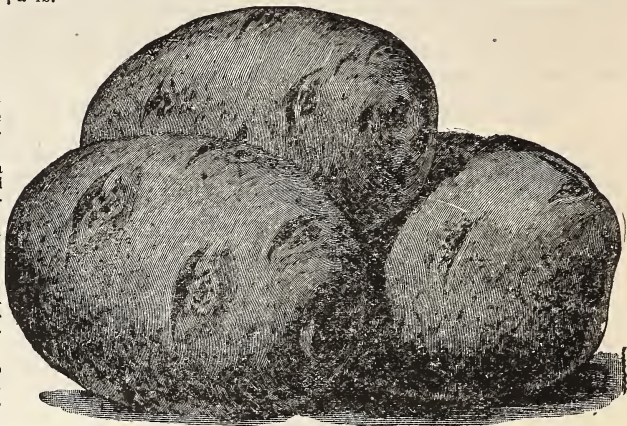
RED TOP.—Very hardy perennial. Specially useful as an item in pastures or meadows on wet soils. Solid seed, per lb. 40c; 3 lbs. \$1.00 postpaid. See Farm Seed Price List.

ENGLISH BLUE GRASS.—Also called Meadow Fescue. (Weight 14 lbs. per bu.) Sow 20 lbs. per acre if alone. Lb. 50c; 3 lbs. \$1.40 postpaid. See Farm Seed Price List for quantity prices.

PERENNIAL RYE GRASS.—Also known as English Rye Grass. Legal weight 14 lbs. per bushel. Sow 20 lbs. to acre. Lb. 40c; 3 lbs. \$1.00 postpaid. See Farm Seed Price List.

ITALIAN RYE GRASS.—The annual rye grass which grows so quickly. Produces a fine crop of hay in 70 to 80 days. Will produce second crop suitable for pasturage. Sow 14 lbs. (1 bu.) per acre. Per lb. 35c; 3 lbs. \$1.00 postpaid. See Farm Seed Price List.

BERMUDA GRASS.—Withstands heat and drouth wonderfully. It runs over the ground forming a dense turf. Sow 8 lbs. per acre. Per lb. 50c; 3 lbs. \$1.40 postpaid. 5 lbs. or more, not prepaid, at 35c a lb.



SEED POTATOES

CUSTOMERS ARE TO PAY COST OF TRANSPORTATION

"Professor C. L. Fitch, specialist in vegetables, of the Extension Department at Ames, says: 'All northern Iowa should buy each year from the best regions in Wisconsin and Minnesota enough seed potatoes to grow their seed for the next year. Practically all of southern Iowa should buy all their Early Ohio and Irish Cobbler seed in most seasons and all their Rurals in trying seasons. Our demonstrations show a gain by this practice of from 25 to 75 bushels per acre.

EXTRA EARLY OHIO

It is an especial favorite with marketmen, and the most profitable they can grow. On account of early maturity you get the highest market prices. Will keep firm until late in the spring. Frequently sold under the name Early Six Weeks. Not prepaid, pk. 60c; bu. \$2.00.

EXTRA EARLY TRIUMPH

A popular first early variety. This is the round, red potato which is generally in our markets as new potatoes early in spring. The color is bright red. Pk. 85c; bu. \$2.50.

IRISH COBBLER

Has the form and color so popular in the market. Is prolific and profitable to the grower and has become a much prized variety. Matures as early as the Ohio, and is preferred because it is smooth and round in shape and of cream white color. Eyes well developed and slightly indented. Pk. 60c; bu. \$2.00.

RURAL NEW YORKER

Preferred by large buyers because it is large, unusually smooth, with few and shallow eyes, skin white as is also flesh, which is of good quality. Medium late and the best drouth resister. There is no other potato of more handsome appearance than the Rural New Yorker. It is very hardy and will stand the heaviest manuring without getting scabby or spotted. Pk. 60c; bu. \$2.00.

SEED SWEET POTATOES

Thrive on any of the loam soils of the Middle West, and do specially well on sandy ground. We usually ship from April 12th to 20th and notify customers when we start them.

EARLY YELLOW JERSEY.—Holds first place. Earliest and most productive; of large, short, chunky shape and of best quality. 10 lbs. \$1.25; 30 lbs. \$2.50.

NANCY HALL.—A variety originated in the South. Flesh is dark colored and cooks a bright orange. Splendid for baking and is extra sweet and full of sugar. 10 lbs. \$1.25; 30 lbs. \$2.50. Ask for prices in quantities.

FLOWER SEEDS

We give our Flower Seed Department as careful attention as any other part of our business. We like flowers and grow them by the acre on our home seed farm at Altoona, especially those varieties which require careful attention to keep them at their best. We are constantly trying new varieties and kinds and crossing and selecting to produce the choicest strains.

PRICES.—We believe that when you buy flower seed you want the best of that kind and we therefore offer

only the best that can be grown or obtained, and will not handle the cheap grades—those you can obtain at the grocery store.

CULTIVATION.—In general, early planting is desirable, as soon as the ground is in nice condition and not sticky.

Good ground and good cultivation certainly make for size, color, and profusion of bloom.

ASTERS

Asters have always been popular and are becoming more so, owing to the great improvements that are being made. For late summer and fall they make a rich display.

SUPERB MIXED.—This mixture is made up of the various types and styles of asters and can not fail to please you. There are no inferior strains in it. Pkt. 10c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25.

IMPROVED BRANCHING.—This is the most popular florists' strain. It is also a popular type for outdoor growing. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

SEMPLER'S BRANCHING.—Flowers are large and double, borne on upright, compact bush. Mixed colors. Pkt. 5c

GIANT COMET MIXED.—Shape differs from all others, with their long, twisted petals. Perfectly double. Pkt. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

QUEEN OF THE MARKET.—A splendid early type of aster. Mixed colors. Pkt. 5c; $\frac{1}{4}$ oz. 30c; 1 oz. \$1.00.

SINGLE FLOWERING MIXED.—Produce single daisy-like flowers in various colors. Pkt. 10c.

ROYAL ASTERS.—This is a recently developed type of large flowering asters that will be appreciated by everyone. Petals are broad, curved or shell-shaped, giving an exquisite effect. They are mid-season in time of flowering and bloom until frost. We offer these in separate colors as follows: White, shell-pink, lavender, red, and purple—or all colors mixed. Pkt. 10c, or one pkt. of each of the six for 40c.

HEART OF FRANCE.—This is the deepest and most brilliant red of any aster. Pkt. 10c.

BANNER BLUE.—The nearest to a pure blue in asters. Pkt. 10c.

SNOWDRIFT.—A large full double white of sturdy growth. Very free flowering. Pkt. 10c.

BANNER ASTER COLLECTION.—One packet each of Heart of France, Banner Blue, and Snowdrift for 25c. You will find our aster packets well filled.

ACROCLINUM

A beautiful everlasting. Very delicate flowers. Colors white, pink and red. Double mixed. Pkt. 5c; oz. 30c.

AGERATUM

BLUE PERFECTION.—Flowers large and of deep blue. Pkt. 10c; oz. 25c.

ALBIFLORUM.—Like above only white. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 45c.

ALYSSUM

SWEET.—Has little white flowers, useful for small bouquets. Its fragrance is very delicate. Makes pretty edging. Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 25c.

LITTLE GEM.—Very dwarf and remarkably uniform. Only 3 or 4 in. high. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

LILAC QUEEN.—A new color in Alyssum. Becomes more pronounced the latter part of summer. Pkt. 10c.

AQUILEGIA

(Columbine)—Free flowering and deservedly popular hardy plants. Bloom profusely through spring into early summer. Hardy perennial.

LONG SPURRED HYBRIDS.—The spurs on these are very long. Many colors, all showy. Pkt. 15c.

CHRYSANTHA.—The beautiful large flowered yellow columbine. Pkt. 10c.

COREULEA.—The true Rocky Mountain blue columbine. Pkt. 10c.

DOUBLE VARIETIES MIXED.—A fine assortment. Pkt. 10c.

AMARANTHUS

HARDY ANNUALS. SOW EARLY IN SPRING

PURPLE MANTLE.—A new amaranthus and the most striking and showy of all. Has large purple leaves, which do not fade in hot weather. The large fronds of reddish purple flowers almost cover the plants. A block of this variety on our Seed Farm was a delight from May until freezing weather. Pkt. 10c. Plant a hedge of it. 1 oz. 40c.

TRICOLOR.—Well known as "Joseph's Coat." Pkt. 5c.

CAUDATUS (Love Lies Bleeding).—Produces long, drooping chains of brilliant colored flowers. Pkt. 10c.

MIXED VARIETIES.—Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 30c.

AMBROSIA — PERFUME PLANT

Long spiral stem with abundant buds and blossoms. Very fragrant. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

AMOBIMUM

ALATUM GRANDIFLORA.—A pretty everlasting white flower. Pkt. 5c.

ANTIRRHINUM

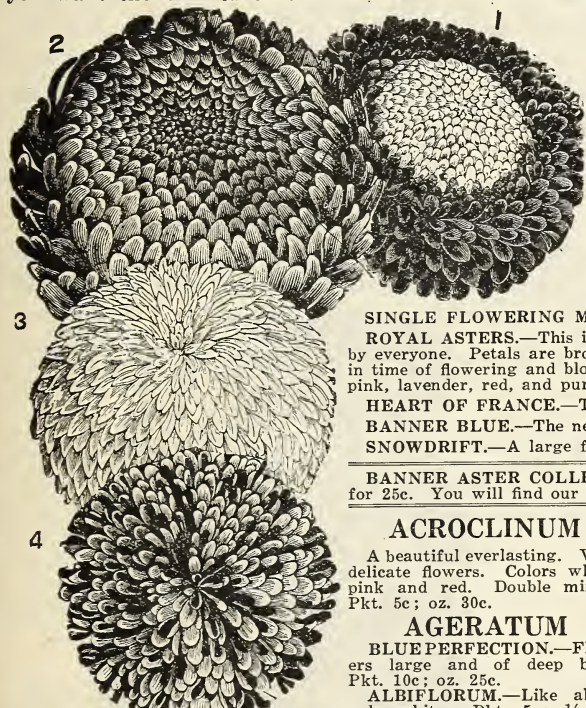
GIANT FLOWERED.—Most beautiful new class, having the finest colors and markings. Flowers are of immense size and produced in long spikes. Bloom all summer. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

ARCTOTIS GRANDIS

Remarkably handsome annual. Its flowers, borne on long stems, are large and showy with a yellow zone at base; reverse of petals lilac-blue. Pkt. 10c.

BALLOON VINE

A pretty, rapid growing climber. Flowers white, followed by balloon-like seed pods. Pkt. 5c; oz. 30c.



SUPERB ASTERS



BALSAM

COREOPSIS

LANCEOLATA.—Hardy perennial form of *Coreopsis*. Bright golden yellow. Blooms all summer. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

CAMPANULA

CUP AND SAUCER.—A beautiful variety, presenting form of cup and saucer, hence its name. Perennial. Mixed colors. Pkt. 10c.
SINGLE MIXED.—A choice mixture of single sorts. Pkt. 5c.
DOUBLE MIXED.—Choicest seed from double varieties. Pkt. 10c.

CANTERBURY BELLS

CAMPANULA MEDIUM.—A very pretty perennial, popular and well known. Double and single mixed colors. Pkt. 10c.

CANARY BIRD FLOWER

A climber of delicate, finely-cut foliage and curious bright yellow flowers, resembling the canary bird. Pkt. 10c; oz. 25c.

CARDINAL CLIMBER

A hybrid of Cypress Vine and Morning Glory. Grows 20 to 30 feet high. Bright cardinal flowers. Pkt. 10c.

CANDYTUFT

Easy to cultivate and blooms profusely. Hardy annual one foot high.
GIANT EMPRESS.—Covered with pure white fragrant flowers. Fine edging. Pkt. 10c.

CRIMSON.—Companion to Giant Empress, and will be appreciated because of its unusual color. Pkt. 10c.

BEST MIXED.—Mixture of all varieties and colors. Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 30c.

CANNA

FANCY LARGE FLOWERED.—Very large flowering, dwarf varieties $3\frac{1}{2}$ feet high. Mixture of finest flowering sorts. Pkt. 10c oz. 30c.

CARNATION

Finest of the *Dianthus* or Pink family. Very fragrant. Our seed unsurpassed.

DOUBLE EXTRA MIXED.—Pkt. 10c.

MARGUERITE.—Plants succeed in open garden and are of vigorous, dwarf, erect growth. Colors, marking, shading wonderful. Pkt. 10c.

CELOSIA

SPICATA.—A wonderful new variety of *Celosia* about $2\frac{1}{2}$ feet in height and producing spikes of flowers of a bright rose color, when opening changing, to silvery white. Pkt. 10c.

OSTRICH FEATHER.—Has beautifully curled plumes of various colors. Pkt. 5c.

COCKSCOMB

GIANT EMPRESS.—The Empress is the finest and most gorgeous variety; not uncommon for the heads to measure twelve inches in breadth. Purple combs and dark brown foliage. Pkt. 10c.

ALL VARIETIES MIXED.—Pkt. 10c.

BALSAM

A most beautiful annual. Flowers are most brilliantly colored. Large and double.
PEERLESS MIXED.—A mixture of best strains. Flowers are double and all colors. Pkt. 10c; oz. 60c.

SCARLET RUNNER BEAN

A valuable climbing bean, having bright scarlet flowers and pods. Very showy as a climber, also valuable for table use. Pkt. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

BRACHYCOME

Also called "Swan River Daisy." Covered during summer with a profusion of flowers. Blue and white. Pkt. 5c.

BROWALLIA

GRANDIFLORA.—Most beautiful of all *Browallias*. Form dense little bushes, covered with abundance of delightful sky-blue flowers. Pkt. 10c.

BRYANOPSIS

A splendid climber with pretty cherry-like green fruits which change to bright scarlet, striped with white. Pkt. 10c; oz. 40c.

BUTTERFLY FLOWER

This large-flowering variety of *Schizanthus* challenges the rare orchids in beauty. Easily grown. Pkt. 5c.

BURNING BUSH

One of the very best annual border or hedge plants, so symmetrical in form that plants look like they had been clipped. Turn vivid red in the fall. Easily grown. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

CACALIA

COCCINEA.—Sometimes called Tassel Flower or Flora's Paint Brush. Pkt. 5c.

CALENDULA

Belongs to Marigold family. An annual of the easiest culture.

ORANGE KING.—Compact double flowers of bright orange color. Very beautiful. Pkt. 10c.

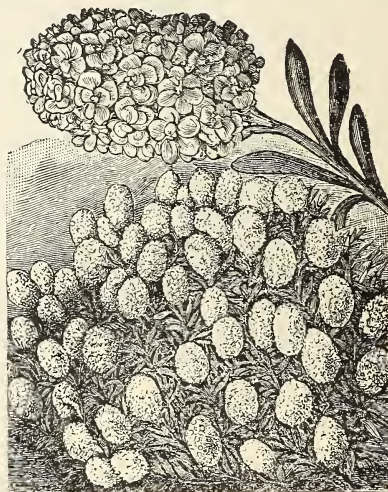
FINE MIXED.—Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 25c.

CALLIOPSIS

Very showy. Two feet high. All shades of yellow, red, and brown. Double and single. Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 30c.

CHINESE WOOLFLOWER

CELOSIA CHILDSII.—A magnificent garden annual, producing numerous fluffy heads, resembling scarlet wool. If flowers are dried in a dark place they will retain their rich, scarlet color all winter. Pkt. 10c.

**CENTAUREA**

CYANUS DOUBLE.—A most charming form of Cornflower or Ragged Sailor. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 40c.

GYMNOCARPA (Dusty Miller).—The foliage of this variety is finely cut and silvery. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.00.

AMERICANA.—The giant of the *Centaureas*. Flowers are four inches across and bloom a long time. Pkt. 10c.

IMPERALIS MIXED.—Improved Sweet Sultan; long stemmed, graceful blossoms, deliciously fragrant. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 80c.

CLARKIA

A very pretty and desirable hardy annual. Flowers are white, red, purple, etc., borne in profusion during summer. Single and double mixed. Pkt. 5c.

COBEA SCANDENS

A magnificent climber of rapid growth and beautiful blue flowers. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

COSMOS

A magnificent race of plants, growing about 4 to 6 feet high, and in fall literally covered with graceful flowers resembling single dahlias, but better for cutting. Easily raised from seed if sown early.

LADY LENOX.—Beautiful light pink flowers of extra large size. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

EARLY DAWN MIXED.—Is early, coming in a bloom about two months from time of sowing and continuing until frost. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 60c.

MAMMOTH PERFECTION.—Flowers double the size of the early flowering cosmos. Quite late. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 45c.

CYPRESS VINE

A beautiful, rapid climber with delicate dark green foliage and an abundance of star-shaped scarlet and white blossoms. Mixed colors. Pkt. 5c; oz. 40c.

DAHLIA

The dahlia is well known, but few are aware that if the seed is sown early in the spring, they will bloom the first year.

BEST DOUBLE MIXED.—Our seed is saved from large double flowers. Pkt. 10c.

DAISY

BEST DOUBLE MIXED.—Low growing sorts for massed beds or borders. Known as English Daisies. Pkt. 10c.

AFRICAN GOLDEN.—This showy annual comes from South Africa. Blossoms 2 to 3 inches in diameter. A peculiar, rich, glossy color. Pkt. 10c.

SHASTA DAISY

ALASKA.—The best of the Shasta Daisies. Pkt. 10c.

DELPHINUM (Perennial Larkspur)

The delphiniums are deservedly among the most popular perennials. If sown very early they will bloom the first year, or may be sown the first of August and will make fine plants for next year's flowers.

BUTTERFLY.—A distinct variety, growing about 18 inches high, with fine, feathery foliage. Large blossoms of intense gentian blue. Pkt. 10c.

GOLD MEDAL HYBRIDS.—The finest strain with immense spikes of large flowers. Many colors. Pkt. 15c.

DIANTHUS

Dianthus or Chinese Pinks furnish abundance of gay and pretty flowers until frozen.

ORIENTAL OR JAPANESE MIXED.—Markings and colors are rich and brilliant. Striped, blotched, and banded. Colors range from white to deep crimson and maroon and produce profusely and continuously. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. 80c.

FIREBALL.—Very beautiful. Flowers are perfectly double and color a rich, velvety blood red. Pkt. 10c.

SNOWBALL.—Fit companion to above. Pkt. 10c.

DOUBLE DIADEM PINK.—A superb, large double flower. Magnificent in color. Pkt. 10c.

DOLICHOS (Hyacinth Bean)

MIXED COLORS.—A rapid growing annual climber, flowering freely in clusters, followed by ornamental pods. Pkt. 5c; oz. 15c.

DAYLIGHT.—Pure white. Pkt. 5c; oz. 30c.

DARKNESS.—Both flowers and seed pods are a purplish red. Pkt. 5c; oz. 30c.

DWARF WHITE.—Bush form of well known Hyacinth bean. Blossoms similar in appearance to Sweet Pea, but borne on long racemes. Pure white and very lovely. Pkt. 5c; oz. 30c.

ELECTRIC LIGHT PLANT

A sturdy, bushy plant of about 4 feet, covered constantly with large spikes of flowers, which are pure white at base and range from rose to bright red at top. Showy and ornamental. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

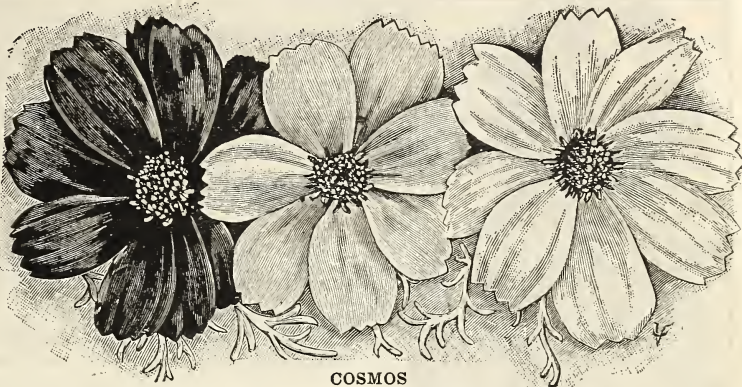
ESCHSCHOLTZIA

(California Poppy.)—Easy to grow, brilliant in color.

CRIMSON.—Flower bright crimson. Pkt. 10c.

GOLDEN WEST.—A giant flower of rich golden yellow color. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 50c.

MIXED COLORS.—Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 35c.



COSMOS

EUPHORBIA

VARIEGATED.—"Snow on the Mountain." Foliage ornamental, veined and margined white. Pkt. 5c.

FOXGLOVE

A showy perennial, easily grown. Always pleases.

GLOXINIA FLORA.—The largest flowers. Exquisite colors. Pkt. 10c.

FOUR O'CLOCK

(Mirabilis)—Marvel of Peru. A most brilliant, showy annual. Much used for ornamental hedges.

MIXED COLORS AND VARIETIES.—A fine assortment. Pkt. 5c; oz. 20c.

GAILARDIA

(Blanket Flower)—Exceedingly beautiful annuals. Very showy plants, 1 to 2 feet high.

PERFECTION.—A double flower, round as a ball. In most varied and pleasing colors. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

GRANDIFLORA.—This is the perennial variety, with very large flowers, dark crimson centers, marked with rings of brilliant colors. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

GERANIUM

GOOD VENTURE.—Easily raised from seed. It is fun to watch the little seedlings grow into large geraniums. Pkt. (about 40 seeds), 15c.

GLOBE AMARANTH

MIXED COLORS.—Popularly known as "Batchelor Buttons." Many colors. Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 30c.

GODETIA

Handsome, showy annual about one foot high, of dwarf, compact growth. Bear freely. Exquisite colors. Pkt. 5c.

GOURDS—ORNAMENTAL MIXED

A mixture of the odd-shaped and fancy-colored sorts. Pkt. 5c; oz. 25c.

GRASS PINKS

DOUBLE CLOVE PINKS.—A fine type of the pretty clove scented flowers, so much loved by our grandmothers. Colors range from pure white to dark red. A hardy perennial. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

GYPSOPHILA

Sometimes called "Baby's Breath."

ELEGANS.—Mixed colors. Pkt. 5c.

PANICULATA.—White. Hardy perennial. Pkt. 10c.

HELIOTROPE

CALIFORNIA MAMMOTH.—A grand variety, producing immense flowers. Pkt. 10c.

HELICHRYSUM

Very pretty and popular, bearing large double flowers of different shades and colors. Retain their form and color many months. Particularly useful in winter decoration. Monster mixed. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 50c.

HIBISCUS

MEHAN'S MARVEL MALLOW.—Produces wonderful flowers 8 to 10 inches in diameter. Colored from pure white to fiery red. Splendid for permanent planting. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.00.

GOLDEN BOWL.—Enormous flowers, 5 to 6 inches across. Canary color with large, black center. This variety is an annual and does not live over winter. Pkt. 10c.



HOLLYHOCKS

HOLLYHOCKS

EVERBLOOMING ANNUAL.—Sown in the open ground in April, it blooms in August. Colors varied. Double, semi-double, single. Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.

CHATER'S PRIZE DOUBLE MIXED.—Magnificent double flowers 3 to 4 inches across. Of the brightest colors. Flowers beautiful and perfect, massed completely around spikes. A mixture of all colors. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.00.

We can also supply Chater's Prize Hollyhocks in separate colors: White, pink, yellow, scarlet, or maroon, as preferred. Pkt., any one color, 10c.

ICE PLANT

A handsome and curious plant for hanging baskets, rockwork and vases. The leaves and stems appear as though covered with crystals. Pkt. 5c.

JOB'S TEARS

Produces beautiful seeds, about one-fourth inch in diameter, which are used like beads in fancy work. Grows 2 to 3 feet high with broad leaves. Pkt. 5c; oz. 15c.

JOB'S TEARS FOR FANCY WORK.—We also offer in quantity at a low price, seeds of glossy pearl color, which are used for necklaces, basket and raffia work, and in strings for portieres. Not sold for germination. $\frac{1}{4}$ lb. 35c; lb. \$1.00.

KUDZU VINE (Jack and the Beanstalk)

Hardy, very rapid-growing vine. Pkt. 10c.

LARKSPUR

AMERICAN BANNER.—The only flower we know of which combines the national colors—red, white, and blue—in each flower. It grows about two feet, and is fairly loaded with long spikes. Double striped and blotched flowers. Pkt. 10c.

DWARF ROCKET.—Grows about two feet in height. Mixed colors. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

TALL ROCKET.—Three or four feet high. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

LINUM

GRANDIFLORA RUBRUM (Scarlet Flax).—A showy annual. Crimson scarlet flower. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 50c.

PERENNIAL.—A beautiful, hardy perennial. Blooms constantly. Delicate blue flowers. Pkt. 10c.

LOBELIA

ERINUS.—Handsome, trailing annual. Flowers blue. Fine in vases and hanging baskets. Pkt. 10c.

COMPACTA.—The upright growing variety. Pkt. 10c.

MARIGOLD

PRIDE OF THE GARDEN.—We have selected these until the choicest only are contained in this strain. Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 30c.

DWARF FRENCH.—Double mixed. Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 30c.

MIGNONETTE

MACHET.—Distinct variety of great merit. Vigorous dwarf growth with very large spikes of deliciously scented red flowers. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 50c.

SWEET SCENTED.—Mixed colors. Pkt. 5c; oz. 25c.

MORMORDICA

Commonly known as Balsam Apple or Balsam Pear. Pkt. 10c; oz. 40c.

MOONFLOWER

WHITE.—One of the grandest summer climbers, growing 25 to 40 feet high and covered nightly and dull days with beautiful flowers from 5 to 6 inches in diameter. Fragrant. Pkt. of 6 seeds 10c; oz. 50c.

BLUE.—In striking contrast to the true White Moonflower. Pkt. 10c; oz. 50c.

MYOSOTIS (Forget-Me-Not)

VICTORIA.—The best variety for pot culture. Of dwarf, globular habit. Beautiful sky-blue flowers with center double. Pkt. 10c.

NASTURTIUMS

DWARF VARIETIES

AURORA.—Deep chrome yellow, blotched and veined purplish carmine. Pkt. 10c; oz. 20c.

BEAUTY.—Scarlet splashed canary yellow. A fine variety. Attractive flower. Pkt. 10c; oz. 30c.

CHAMELEON.—Crimson, gold and bronze, bordered and flamed. Pkt. 10c; oz. 30c.

EMPRESS OF INDIA.—Dark purplish leaves and brilliant scarlet flowers. Pkt. 10c; oz. 30c.

GENERAL JACQUEMINOT.—Named for the rose; flowers bright crimson scarlet. Pkt. 10c; oz. 25c.

KING THEODORE.—The "black" nasturtium; deep velvety crimson. Pkt. 10c; oz. 30c.

RUBY.—Bright and brilliant carmine color. Profuse bloomer. Pkt. 10c; oz. 25c.

VESUVIUS.—Bright salmon pink, veined deep orange. Brightest shade in list. Pkt. 10c; oz. 30c.

IMPERIAL MIXED.—Mixed by us from best named varieties. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

TALL VARIETIES

FIRELIGHT.—Brilliant cardinal red. Brightest and most attractive color. Pkt. 10c; oz. 30c.

MIDNIGHT.—Dark brownish red; profuse bloomer. Fine in mixed beds. Pkt. 10c; oz. 30c.

MOONLIGHT.—Pale straw or lemon yellow. A delicate soft shade. Pkt. 10c; oz. 25c.

SUNLIGHT.—Rich brilliant yellow color. Crinkled flowers of immense size. Pkt. 10c; oz. 30c.

TWILIGHT.—Lovely delicate flower of salmon rose or pink. Pkt. 10c; oz. 25c.

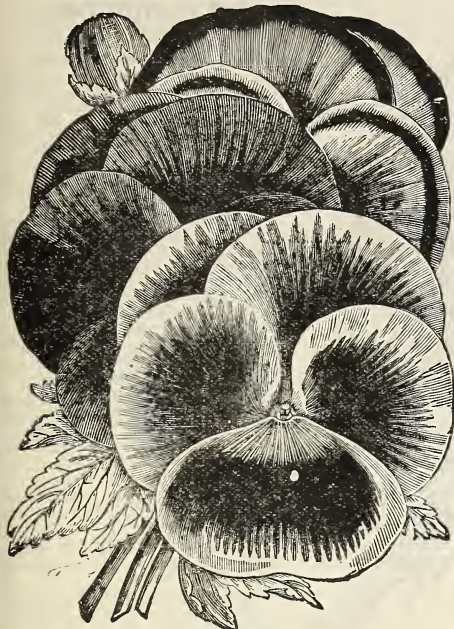
CAPRICE.—Changing colors, often a dozen different shades on a plant. Pkt. 10c; oz. 35c.

TALL VARIETIES MIXED.—The best mixture of tall nasturtiums we can make. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c. Our packets are filled so as to be worth while planting.

BRILLIANCY NASTURTIUM COLLECTION—13 Varieties, 13 Colors—Both Dwarf and Climbing Kind.—The finest collection we have ever offered. 13 varieties 1 pkt. each, 60c; 13 varieties, 1 oz. each, \$1.50, postpaid.



NASTURTIUMS



PANSIES

PHLOX DRUMMONDI

If we could have but one flower for our garden, that one would be the Phlox. A brilliant, almost dazzling show; continual bloom.

FIREBALL.—Brilliant, dazzling scarlet, dwarf and compact. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

SNOWBALL.—Fit companion for Fireball. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.50.

GRANDIFLORA MIXED.—Large flowering strain. Our Phlox field was certainly a marvel of color all summer. Visitors would sometimes try to count the different colors but the variations were so many someone would always find one more. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.25.

POPPIES

DOUBLE SHIRLEY.—An entirely new and distinct Poppy, originated by us. It is a true Shirley or satin poppy but the flowers are a beautiful double, which greatly enhances their beauty. As hardy and robust as the single. You will be pleased with it. Pkt. 15c.

AMERICAN FLAG.—Flowers are extra large, very double, snow-white, bordered with scarlet. Very showy variety. Pkt. 5c.

DOUBLE CARNATION.—Splendid assortment of best double carnation flowered sorts. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

SANTA ROSA MIXED.—Improved Shirley poppy. Pkt. 5c; $\frac{1}{4}$ oz. 25c; oz. 75c.

ANNUAL VARIETIES MIXED.—Single and double. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

PERENNIAL POPPIES

ORIENTAL HYBRIDS.—For brilliancy nothing equals these. Flowers enormous size. Hardy. Pkt. 10c.

ICELAND.—Colors purest white to deepest orange scarlet. Pkt. 10c.

PORTULACA

GRANDIFLORA SINGLE MIXED.—Also known as rose moss. Pkt. 5c; $\frac{1}{4}$ oz. 25c; oz. 75c.

DOUBLE MIXED.—These old favorite flowers are double as a rose, brilliant with many shades of color. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

PYRETHRUM

GOLDEN FEATHER.—Beautiful golden-leaved foliage plants. Per pkt. 10c.

ROSEUM HYBRIDUM.—Painted daisies. Always please. Hardy perennial. Pkt. 10c.

RAINBOW CORN

(Striped Japanese Maize).—Pkt. 5c; oz. 15c.

RHODANTHE

MIXED COLORS.—For winter bouquets. Pkt. 10c.

STATICE

(Sea Lavender).—Colors blue, yellow and white. Pkt. 10c.

PANSIES

Pansies are a specialty with us, and we use the greatest care in growing and importing the best strains. Packets contain 100 to 125 seeds. Directions for growing pansies will be mailed free on request.

PRETIOSO.—A new strain. Contains the widest range of colors, most diversified markings, and velvety substance. They are large, fine blooms, satiny finish, brightest colors which really shine with lustre. Pkt. 10c; $\frac{1}{4}$ oz. \$2.00; oz. \$6.00.

AMERICAN GIANT.—This strain is of strong, robust, luxuriant growth and produces immense flowers. Grown expressly for us by a careful and enthusiastic pansy specialist. Pkt. 15c; $\frac{1}{4}$ oz. \$3.00; oz. \$8.00.

MASTERPIECE.—Distinct in form of flowers, the border of every petal undulated and curled. Flowers are very large. Pkt. 10c.

GIANT TRIMARDEAU.—Flowers of very large size. Each flower marked with three blotches or spots and stands well above foliage. Choice mixed colors. Pkt. 10c; oz. \$6.00.

SEPARATE COLORS.—We can furnish Giant Flowered Pansies in the following separate colors: white, blue, yellow, red or black. Pkt. any color, each 10c; oz. \$6.00.

PENNISTEUM

Commonly called Purple Fountain Grass. Pkt. 10c.

PENTSTEMON

FINEST MIXED.—Hardy perennial. Many spikes of Gloxinia-like flowers—crimson, white, rose, purple, etc. Pkt. 10c.

SPLENDID PETUNIAS

Visitors to our Seed Farm were constantly exclaiming about our field of Petunias. Everyone declared they had not seen such large and bright flowers in Petunias before.

ROSY MORN.—A beautiful new petunia of clear rosy pink color. A lovely shade for solid beds. Splendid for window-boxes. Pkt. 10c.

GIANT FANCY.—The flowers are exquisitely ruffled or fringed, and of enormous size. Unlimited varieties of colors, linings, blotchings, and stripings. Pkt. 25c.

LITTLE PET (Howard's Star).—Free blooming. Flowers have a distinct five-pointed star in the center. Pkt. 15c.

INIMITABLE MIXED.—Large flowers with clear bright colors. We grow these on our own farm and know they will please you. Pkt. 10c; $\frac{1}{4}$ oz. 60c; oz. \$2.00.

STOCKS

PERPETUAL WHITE.—Princess Alice or Cut and Come Again. Pkt. 10c.

PERPETUAL MIXED.—A mixture of colors. Pkt. 10c.

EARLY LARGE FLOWERING DWARF.—Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.00.

SWEET WILLIAMS

SINGLE MIXED.—Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 75c.

DOUBLE MIXED.—Flowerets double and full centered. Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. 75c.

ANNUAL.—Blooms the first year only. Pkt. 10c.

SUNFLOWER

DOUBLE CHRYSANTHEMUM FLOWERED.—Dwarf growing, 4 to 6 feet; beautiful double flowers. Pkt. 10c.

GLOBE OF GOLD.—Double, about 4 feet high. Branching stems. In bloom it seems a mass of golden yellow. Pkt. 10c; oz. 25c.

EXCELSIOR BRANCHING.—Useful for cut flowers. Pkt. 5c.

RAINBOW SUNFLOWER.—Colors range from primrose to dark red. Beautifully mottled. Pkt. 10c.

PEERLESS MIXED.—Pkt. 5c; oz. 15c.

RICINUS (Castor Oil Plant)

CAMBODGIENSIS.—Has large palm-like leaves of darkest reddish maroon. Pkt. 5c; oz. 25c.

ZANZIBARENSIS.—Grows to a height of 12 to 14 feet, with leaves 2 to 4 feet across. Pkt. 10c; oz. 25c.

FIERY PLUME.—Has fiery red spikes of flowers and seed pods very striking. Pkt. 10c; oz. 20c.

MIXED VARIETIES.—Mixtures of the above and many other choice sorts. Pkt. 5c; oz. 10c.

COMMON.—The common Castor Bean. Pkt. 5c; oz. 10c; lb. 50c. Ask for price in quantity.

SALPIGLOSSIS

Plants about 18 inches high, bearing through the season large flowers 3 inches across, of beautiful colors.

NEW VARIEINED.—Beautifully veined and mottled. Pkt. 10c.

SALVIA

SPLENDENS.—Brilliant scarlet. One of the most satisfactory bedding plants. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

BONFIRE.—Dwarf, compact, free blooming sort. Much earlier than Splendens and brighter color. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

SCABIOSA

LARGE FLOWERED MIXED.—Handsome double flowers in variety of shades and colors. Splendid for bouquets. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 50c.

SENSITIVE PLANT

Very pretty and curious plant, its leaves closing when touched. Pkt. 10c.

SMILAX

Specially valued for decorating and floral work all the year. Pkt. 10c.

SPENCER SWEET PEAS

The distinguishing characteristic of the type is wavy-orchid-like appearance of the blossoms. They are strong, robust in growth, with extra large flowers of exquisite, delicious beauty. If you want sweet peas for cut flowers, plant the Spencers.

AMERICA.—Ivory white with distinct stripes of bright crimson. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

BARBARA.—Salmon color without markings or shading. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

ELFRIDA PEARSON.—One of the largest flowers yet introduced. Color is pink, of a most lovely shade. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

FIERY CROSS.—The standard is bright orange scarlet, while the wings are rich orange cherry shade. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

FLORENCE MORSE.—Very delicate rose color, shaded a little darker pink at edges. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

KING MANOEL.—Deep, rich maroon. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

KING WHITE SPENCER.—The best white variety. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.00.

PRIMROSE SPENCER.—Finest quality of primrose shade. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

MASTERPIECE.—Color is soft, pleasing lavender with wings of French grey. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

ROYAL PURPLE.—The color is so rich that it will astonish with its beauty. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

SUNPROOF CRIMSON.—A splendid crimson color. Will stand summer heat without fading. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

WEDGEWOOD BLUE.—We give this preference among blue sorts. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

SPENCER MIXED.—This is a choice mixture of the Spencer types and varieties. Contains many sorts not named in our list. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

DIVERSITY COLLECTION

12 Packets

12 Colors

One packet of each of the choicest Spencers, as named and described above. One packet of each \$1.00. One ounce of each \$3.00.

VERBENA

Deservedly a universal favorite. A constant bloomer and has a sweet fragrance.

NEW CENTURY MAMMOTH.—The most beautiful colors, largest flowers and largest truss. More vigorous than the ordinary. Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.25.

CANDIDISSIMA.—Large trusses of pure white flowers. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

DEFIANCE.—A true scarlet, large and extra fine. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

BANNER BLUE.—A fine blue. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

BANNER VERBENA COLLECTION.—Red, White and Blue.—One packet each of our national colors, 25c.

WAHLENBERGIA

(Bell Flower).—Beautiful large blue or white flowers. Pkt. 10c.

WALLFLOWER

Greatly prized for their exquisite fragrance.

EARLY FLOWERING.—Flowers early. Double and single; mixed colors. Pkt. 10c.

WISTARIA

One of the most popular hardy vines, climbing to a height of 50 feet or more. It is perennial and easily grown from seed. Pkt. 10c.



SWEET PEAS

GRANDIFLORA SWEET PEAS

The sweet peas here offered are of the grandiflora class. They are very free flowering and if you want grand show in the garden plant these. We offer what we know to be the cream of the list.

IMPERIAL MIXED.—Many of the best sorts carefully selected so as to get the proper proportion of each color in assortment. Grown separately and mixed afterward. Makes the choicest mixture ever offered. We are sure our customers will be pleased with them. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

GRANDIFLORA MIXED.—This mixture is grown as a mixture in the field. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

EARLY FLOWERING MIXED.—A new type of sweet peas which bloom much earlier than Grandiflora or Spencer kinds. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

AMERICA.—Clear scarlet on a white ground. Pkt. 5c oz. 20c; $\frac{1}{4}$ lb. 60c.

BLACK KNIGHT.—Rich, glossy maroon. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

DOROTHY ECKFORD.—The largest flowered white. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

BLANCHE FERRY.—Beautiful light rose and white. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

KING EDWARD VII.—The best dark red in existence. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

LADY GRISEL HAMILTON.—Light lavender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

LOVELY.—The most beautiful shades of soft shell pink. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 60c.

LOTTIE ECKFORD.—Standard rose, the wings primrose shaded and splashed rose. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 60c.

MRS. KENYON.—A handsome primrose. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60.

NAVY BLUE.—The darkest, truest blue. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

ROYAL PURPLE.—Striking dark flower. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

ROYAL ROSE.—A most beautiful, clear rose. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

PERENNIAL SWEET PEAS (Lathyrus).—A very popular perennial variety and it should be more generally used. Mixed colors. Blooms second year. Pkt. 10c; oz. 60c.

GRANDIFLORA COLLECTION.—Twelve full size packets. Twelve beautiful kinds, all different, all named. Postpaid 50c.

XERANTHEMUM

Free flowering and easily grown, making a handsome bed. All kinds mixed. Pkt. 10c.

ZINNIA

COLOSSAL.—The largest and brightest zinnia ever produced. We have grown these on the home farm for some time. We have tried out all the various strains, grown both here and in Europe and have found nothing finer than our stock. You will wonder at their size and clear colors. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 75c.

ELEGANS.—The old standard zinnia. Good colors. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 50c.

PIGMY OR LILIPUT.—Plants are small and of bushy growth. Beautiful little blossoms. Pkt. 10c.

FLOWER SEED MIXTURES

WILD GARDEN MIXTURE.—Contains many surprises. Pkt. 5c; $\frac{1}{4}$ oz. 10c; oz. 25c.

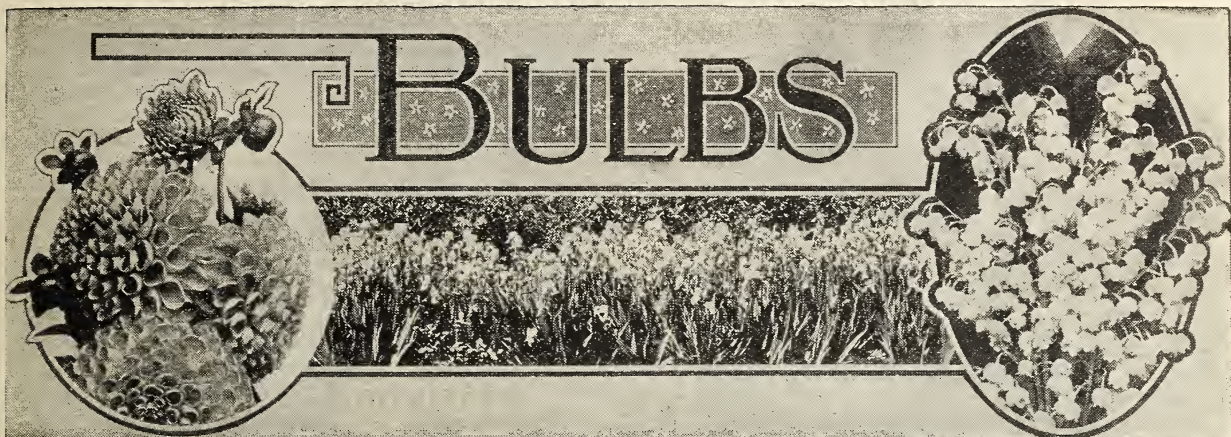
LOW GROWING ANNUALS.—Flowers which grow less than one foot in height. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

FLOWERS FOR BOUQUETS.—Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

MIXED PERENNIALS.—Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

MIXED EVERLASTINGS (Straw Flowers).—Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

MIXTURE OF CLIMBERS.—Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.



We specialize in growing and propagating Hardy Plants and Bulbs as this class of plants always gives satisfaction, and having once secured them, they continue to grow and blossom year after year and are less care and worry than tender flower beds.

PRICES.—Please notice that we make a big difference between the price for a single plant and price for several plants of a kind. This is because it costs but little more to fill and pack an order for a dozen than it would to pack one only, so we give you the benefit in saving of labor, material and postage.

DISPLAY CANNA COLLECTION

ONE BULB EACH OF THE TWELVE CANNAS FOR \$1.75.

ABUNDANCE CANNA COLLECTION

TWENTY-FIVE STRONG BULBS, NOT NAMED, BUT CONTAIN A GREAT VARIETY OF COLORS. FOR \$2.50.



CANNA

CALADIUM

AMARYLLIS

JOHNSONII.—Of strong, vigorous growth. Brilliant red flowers, with petals striped with white. Very fragrant and attractive. Each 50c.

FORMOSISSIMA.—(Jacobean Lily.)—Is of extremely rich, deep velvety crimson. Each 20c; 3 for 50c; dozen \$1.75.

ATAMASCO.—A fine little bulb for summer blooming. Bears pink flowers. Each 15c; dozen \$1.50.

CALADIUM

ESCULENTUM.—(Elephant's Ear.)—A splendid tropical plant, growing 4 to 5 feet with immense leaves, often growing 3 feet long. Of easy culture. Large bulbs 35c; 3 for 95c. Mammoth 50c; 3 for \$1.35.

GLORIOUS CANNAS

These are the most showy and effective bedding plants. They have tropical appearing foliage and showy flowers, some of which are truly orchid-like.

A. CROZY.—Height 4 feet. Green foliage. Crimson scarlet with broad gold border. One of the most striking. Each 20c; dozen \$2.00.

DAVID HARUM.—Height about 3½ feet. A dark foliage variety with very large petaled flowers of intense vermilion scarlet. Each 20c; dozen \$2.00.

EUREKA.—Best white-flowered sort. Foliage green. Height 3 feet. Each 25c; dozen \$2.50.

FLORENCE VAUGHAN.—It is 5 feet high. Dark green foliage; yellow flowers, spotted with bright red. Each 15c; dozen \$1.50.

GOLDEN GATE.—A medium growing variety with green foliage and bright yellow flower. Each 20c; dozen \$2.00.

HUNGARIA.—The best pink canna. Compact and robust in habit. 3½ feet high. Flowers are very large. Each 25c; doz. \$2.50.

KING HUMBERT.—One of the grandest ever offered. Flowers extra large. Bright orange scarlet, streaked with crimson. Foliage is bronze. Strong grower. Height 4 feet. Each 20c; dozen \$2.00.

LAFAYETTE.—Immense heads of intense scarlet bloom. Height 3½ feet. Each 25c; dozen \$2.50.

LOUISIANA.—Fine color; vivid scarlet. A strong grower. Height 6 feet. Foliage green. Each 20c; dozen \$2.00.

PENNSYLVANIA.—Foliage green, flowers very large, bright scarlet, shaded orange. Height 6 feet. Each 20c; dozen \$2.00.

PORTLAND.—A new variety with deep warm pink flower of immense size. Green foliage. Height 3½ feet. A lovely type of great promise. Each 25c; dozen \$2.50.

PRESIDENT.—Three feet tall. Very profuse bloomer. Flowers bright red color. Green foliage. Each 35c; dozen \$3.00.

PRINCETON.—Bright yellow flower; dash of red in throat and on petals. Green foliage 3½ feet high. Each 25c; dozen \$2.50.

RICHARD WALLACE.—Height 4½ feet. Flower canary yellow. Dark green massive foliage and strong grower. Each 20c; dozen \$2.00.

SHENANDOAH.—A large pink flower of splendid form. Height 3 feet. Bronze foliage. Each 20c; dozen \$2.00.

UNCLE SAM.—Great large flower of orange scarlet. A striking variety. Height 6 feet. Green foliage. Each 25c; dozen \$2.50.

WILLIAM SAUNDERS.—Splendid large scarlet flowers in extra large clusters. Bronze foliage. Height 3½ feet. Each 20c; dozen \$2.00.

WYOMING.—Rich purple foliage. Great plumes of massive orange-colored blossoms. Seven feet. Each 20c; dozen \$2.00.

QUEEN HELENE.—Also called "Yellow King Humbert." Flowers are bright yellow, dotted red. Height 4 feet. Bright green foliage. Each 25c; dozen \$2.50.

MIXED BEDDING CANNAS.—Each 25c; dozen \$1.50.



SELECT DAHLIAS

The Dahlia is one of the showiest of autumn flowers. Of the many varieties we have selected the following as of special value:

DECORATIVE DAHLIAS

FRANK A. WALKER.—A charming shade of deep lavender pink. Each 30c; 3 for 75c.

ELSIE DAVIDSON.—Giant flowering, deep golden yellow. Each 25c.

JACK ROSE.—So named because the color is almost exactly like the General Jacqueminot rose. Each 20c; 3 for 50c.

MADONNA.—Color white, slightly tinted delicate lavender pink. Petals curl and twist. Each 35c; 3 for \$1.00.

SYLVIA.—A very lovely shade of mauve pink. Each 25c; 3 for 65c.

SOUVENIR de GUSTAV DOAZON.—Giant flower, strong plant. Color bright dazzling red. Each 25c; 3 for 60c.

SHOW DAHLIAS

MAUDE ADAMS.—Color pure snow white, tinged with pink at center. Each 40c; 3 for \$1.00.

PROGRESS.—A clear lavender with stripes of soft crimson through each petal. Each 25c; 3 for 65c.

GLOBE de MANTES.—Brilliant scarlet. Each 25c; 3 for 65c.

EMPRESS OF AUSTRIA.—Color pure yellow, slightly tipped reddish brown. Each 25c; 3 for 65c.

QUEEN VICTORIA.—Golden Yellow color. Blooms early. Each 25c; 3 for 60c.

ROBERT BROOMFIELD.—Pure white. Tall grower. Each 25c; 3 for 50c.

STRADELLA.—Beautiful deep purple crimson. Each 20c.

CACTUS DAHLIAS

LIBELLE.—A solid color cactus dahlia of fine form. Clear deep rose purple. Each 25c; 3 for 65c.

STERN.—Color is bright primrose yellow. Very bright and particularly pleasing in mixed bouquets. Each 25c; 3 for 65c.

J. H. JACKSON.—In color a perfectly gorgeous, deep, velvety, blackish maroon. Gigantic size. Each 25c; 3 for 75c.

KREIMHILDE.—Bright shining pink, gradually shading to white at the center. Vigorous grower. Each 80c; 3 for 75c.

MIXED DAHLIAS

We can supply these in either of the three classes or all classes mixed. This is a splendid way to get a start of Dahlias. We can offer them in this way at a much lower price owing to the saving in labor of labeling and packing.

Dahlia roots are easily carried over winter as they will keep anywhere a potato will.

These are not culls but fine, strong roots. Price each 15c; doz. \$1.25 postpaid.

CINNAMON VINE

Perfectly hardy, the stem dying every autumn, but growing again so ripidly as to completely cover any trellis or arbor very early in the season. Beautiful heart-shaped leaves. Clusters of delicate white flowers and delicious cinnamon odor. Large tubers postpaid for 15c; 2 for 25c; dozen \$1.25. Small bulblets 20c per dozen; 100 for \$1.00.

HYACINTHUS CANDICANS

The stems are three to four feet high; bear quantities of large drooping flowers, ivory in color and bell shaped. Delicately fragrant. Large, each 15c; dozen \$1.50.

HEMEROCALIS LILIES

This class of perfectly hardy lilies pleases everyone. Flowers are three to five inches across, of true lily form. Have long stems; fine for cutting.

LEMON LILY.—Has bright lemon color and lemon fragrance. Price 25c; \$1.50 per dozen.

ORANGE LILY.—Like above with deep rich orange color. Price same as lemon lily.

BUTTERCUP.—Flowers more open. Rich golden color. Price same as lemon lily.

SOVEREIGN.—The largest and tallest of all. Sure to please. 40c each; \$2.50 per dozen.

MADEIRA VINE

Also called Mignonette Vine and Mexican Vine. A beautiful tuberous-rooted climber. 10c each; 50c per dozen.

OXALIS

Excellent for baskets, of for edgings in the garden.

DEPPI ALBA.—White. **DEPPI ROSEA.**—Pink. **LASIANDRA** (tallest)—red. Any kind at 10c per dozen; 40c per 100; ½ pint for \$1.00.

LILY OF THE VALLEY

Well known, universally admired. 4 for 25c; 50c per dozen.

STATELY LILIES

Nothing can surpass the Lily in beauty, purity, delicacy and stately grandeur.

AURATUM. — (Japanese Gold-banded Lily.) This is justly entitled to the name given it, "The Queen of Lilies." Each 50c.

SPECIOSUM RUBRUM.—Flowers are white, with deep rosy or crimson band on each petal, with deeper colored spots between. Each 40c.

SPECIOSUM ALBUM.—The finest of the pure white, hardy perennial garden lilies. Has large white flowers of great substance beautifully recurved. Each 40c; 3 for \$1.00.

UMBELLATUM.—A very fine hardy garden lily of strong sturdy habit. Grows two or three feet high and has large showy flowers held upright and in clusters at the top. Flower in June and July and are easy to grow in ordinary soil. Flowers are varying shades of red, sometimes spotted. Each 35c; 3 for 75c.

DOUBLE TIGER LILY.—A double form of the Tiger Lily. The flower is densely double, color orange red. Each 25c; doz. \$2.00.

TIGRINUM SPLENDENS.—The brilliant single-flowered form. Each 25c; doz. \$2.00.



GLADIOLUS

Gladiolus are today perhaps the most popular flowers in America. There is more enthusiasm over them than any flower since the craze about tulips in Holland a century ago. New varieties are being offered at fabulous prices. A hundred dollars or more for one bulb is not uncommon.

This enthusiasm is not without cause. When we consider the ease with which gladiolus are grown, their striking and gorgeous beauty, their perfection as a bouquet flower or as a show flower in the garden, we must concede that their popularity is merited.

They are easily grown. Plant in good garden ground about three inches deep, any time from as soon as ground can be worked until last of June. Keep well hoed. When cutting the flowers, do not cut off the leaves.

Slip your knife between the leaves to cut the stem.

If needed, Peerless Garden Fertilizer is the cheapest and best to use.

Gladiolus did well the past season and we have a good stock of fine, strong bulbs. This list includes all the various colors and types.

	Each	Dozen	Hundred
AMERICA—Large pink.....	\$.05	\$.50	\$4.00
ATTRACTION WHITE—Red throat.....	.10	1.00	7.50
BARON HULOT—Deep purple, distinct.....	.15	1.50	10.00
BLACKHAWK—Early dark red.....	.10	1.00	7.50
CHICAGO WHITE—Best florists' white.....	.05	.50	4.00
EVELYN KIRTLAND—Dep pink, shaded darker pink; ruffled.....	.15	1.50	10.00
FLORA—Very large light yellow.....	.15	1.50	10.00
GLENDAL—Magnificent pink.....	3.00		
HALLEY—Salmon pink, early.....	.10	1.00	7.50
JUMBO—Light pink, very large, late.....	.15	1.50	10.00
LE MARECHAL FOCH.....	.25	2.50	18.50
MARY FENNEL—Lavender pink, primrose throat.....	.10	1.00	7.50
MRS. AGNES WHITING—A superior yellow.....	.10	1.00	7.50
MRS. FRANCES KING—Scarlet.....	.05	.50	4.00
MRS. FRANK PENDLETON—Bright rose, carmine blotch.....	.10	1.00	7.50
MURIEL—Light pink. Very large late.....	.25	2.50	18.50
NIAGARA—Primrose yellow.....	.10	1.00	7.50
PANAMA—Pink.....	.05	.50	4.00
PEACE—White, pink markings.....	.05	.50	4.00
PRISCILLA—Salmon pink, primulinus type.....	.15	1.50	10.00
PRINCE OF WALES—Light salmon pink.....	.15	1.50	10.00
WAR—Late dark blood red.....	.25	2.50	18.50
WELLINGTON—Purple with white blotch.....	.25	2.50	18.50
PRIMULINUS MIXED—Yellow, salmon and orange.....	.05	.50	4.00
White and light colors mixed.....	.10	.75	5.00
Red and shades of red.....	.10	.75	5.00
Pink and shades of pink.....	.10	.75	5.00
Yellow and salmon colors.....	.10	.75	5.00
Blue and purple.....	.15	1.25	8.00
ALTOONA MIXED—Fine mixture of all colors.....	.10	.75	5.00
ALTOONA MIXED—Second size.....	.05	.50	4.00
ELEGANT MIXED—Third size.....	.05	.25	2.00



SELECT PAEONIES

The Paeony is truly a most noble flower and rivals the rose in color and grandeur. One writer has said that the "Paeony fully equals the rose except in poetry, perfume, thorns, bugs and disease." They are of easiest culture, vigorous habit, and free from disease and insects. Foliage is rich, glossy and ornamental, even when plants are not in bloom. Many varieties are quite fragrant and no other flower is so well adapted for large and showy bouquets. Set out as early in spring as possible. Set the crowns 3 inches below surface. We pay postage.

FESTIVA MAXIMA.—By far the finest double white paeony grown. The flower is of immense size, perfectly globular. Appears extremely double. Color purest snow white with carmine marks in center. Each 75c.

PINK AND ROSE PAEONIES

EDULIS SUPERBA.—This is a very large, full flower of light pink. Popular because of its strong growth and immense clumps. Each 60c.

JEANNE D'ARC.—A splendid light rose paeony pink. Almost white. Large blooms, strong growth, and altogether desirable. Each 50c.

FRAGRANS.—Very double flower, bright rose. Blooms late in the season. Strong, robust grower. Each 50c.

DUCHESSE D'ORLEANS.—Medium large, compact flower. Guards are deep pink, center shaded salmon, with silvery reflex. Fragrant. Extra strong. Each 60c.

FLORAL TREASURE.—One of the finest in the entire list. The flowers are extra large and very double; exceedingly prolific; color soft, delicate blush pink. Each \$1.00.

BRIGHT AND DARK RED PAEONIES

FELIX CROUSE.—Flower of bright red color, differing from most sorts in solid flower, having practically no division of outer petals and center. Very double and late flowering. Each \$1.00.

LOUIS VAN HOUTTE.—A fine variety with large, dark red flowers. Strong plant and nice foliage. Blooms later than most sorts. Each 75c.

GRANDIFLORA RUBRA.—Has extra large balls of blood red, magnificent flowers. Probably the largest red variety in existence. Give it rich soil. Each \$1.00.

OFFICIALIS RUBRA.—A deep blood red, very bright, with yellow anthers. One of the older sorts, but still popular because good reds are scarce. Each 75c.

MESSONIER.—Brilliant red flower of fine form and large size. Will be very popular because of shining color. Each 75c; doz. \$7.50.

ALL COLORS MIXED, 35c EACH; \$2.50 PER DOZ.
COLLECTION OF 1 WHITE, 1 PINK AND 1 DARK RED, \$1.25.

WHITE PAEONIES
QUEEN VICTORIA.—Very double and compact; color flesh white; white center. The nearest a pure white. One of the earliest. Each 50c.
GOLDEN HARVEST.—Nearest approach to a yellow paeony. Outer petals light blush, light yellow center. Prolific, bearing flowers in custer of three. Each \$1.00.
DUKE OF WELLINGTON.—One of the largest white-flowered paeonies. Densely double and strong grower. One of the best. Each 75c.



HARDY PERENNIAL PLANTS

These are all out-door, field grown and extra strong, clean, vigorous plants. Our price in most cases is 25c per single plant, as it costs us that amount for packing and mailing. You may, however, select six 25c plants for \$1.00 if they are to be sent to one address.

ACHILLEA

MILLIFOLIUM ROSEUM.—Finely cut, deep green foliage. Bears a mass of bright pink flowers or umbels. Each 25c; doz. \$1.50.

PERENNIAL ASTER

Very showy, strong growing and free flowering. Presents a mass of small bright flowers in large clusters during late summer and autumn. Many shades of color. Each 25c; doz. \$1.50.

BLEEDING HEART

SPECTABILIS.—The old Bleeding Heart as lovely as ever. In early spring it bears its long chain of pendulous bloom of exquisite beauty. One of the most satisfactory of permanent plants, and a general favorite. Each 75c; 3 for \$2.00.

CANTERBURY BELLS

We can furnish mixed colors. Wonderfully fine perennials. Mixed colors, including blue, rose, and white. Each 15c; doz. \$1.50.

DAY LILY

The day lilies are much liked for shaded situations as they thrive better than most perennials under this condition.

BLUE.—Lovely blue flowers, borne on tall spikes. Each 20c; doz. \$2.00.

WHITE.—Very beautiful, large white flowers. Each 50c.

HELIANTHUS

MULTIFLORUS PLENUS.—A perennial double-flowered sunflower which has blooms 3 inches across, double as any dahlia, and cover the plant. Color is a bright golden yellow. Give it a sunny position. Each 25c; doz. \$1.25.



HOLLYHOCK

These old favorites have been greatly improved in recent years. Our stock of these is extra fine this year. We grow them in separate colors so that we can give you a choice assortment. Each 25c; doz. \$1.25.

GERMAN IRIS

Perfectly hardy, thrive anywhere. Grow and bloom luxuriantly. Price, any variety, each 25c; doz. \$1.25.

CELESTE.—Large open flower of pure celestial blue, changing to porcelain blue as it ages.

FLORENTINA.—Rich indigo blue throughout. Flowers large, first in bloom and quite lasting.

FLORENTINA ALBA.—The best white iris. Very early. Plant for contrast.

MADAME CHEREAU.—Is pearly white, edged with a broad margin of violet. Flowers are crumpled.

PLUMERI.—A clear wine-red color throughout. A peculiar shade in iris. Tall and strong. Attractive.

QUEEN OF MAY.—A new sort of exquisite rosy lilac color with pink shading. Very attractive.

SANS SOUCI.—Unique color combination, violet and yellow. It blooms freely.

MIXED.—Many, and all choice colors. \$1.00 per dozen.

JAPANESE IRIS

Among the most beautiful summer flowering plants. Easily grown in any good soil. Give full exposure to sun. Bloom freely. Mixed colors, each \$25c; dozen \$2.00.

LYTHRUM ROSEUM

A splendid new flower, covered all summer with spikes of bright carmine red flowers. Perfectly hardy and sure to please, 40c each; \$2.50 per dozen.

MONARDIA DIDIMA

Scarlet flowered Oswego Tea or Bee Balm. Very striking with their mass of intense scarlet fragrant flowers. 25c each; \$1.00 per dozen.

PANSY PLANTS

Our plants are grown from the very best quality of seed and are strong and vigorous. Have beautiful large velvety flowers of all shades and colors. Strong plants of American Giant 60c per dozen; 4 doz. for \$2.00 postpaid.

HARDY PHLOX

We can offer these as mixed only, this year. Extra strong plants 25c each; \$1.50 per doz.; \$7.50 per 100.

PERENNIAL POPPY

The perennial poppies surprise and delight everyone with the wondrous size and beauty of the blossoms.

ICELAND.—Has fern-like foliage; bears an immense number of elegant flowers. Each 15c; dozen \$1.50.

ORIENTAL.—Mammoth flowers of gorgeous colors. Each 25c; dozen \$2.00.

RUDBECKIA

GOLDEN GLOW.—A glorious, well known and very popular hardy plant that should find a place in every garden. It is of extra fine habit, vigorous growth, with early, continuous and immense blooming qualities. The stems are long and gracefully poised. Attains a height of 6 to 8 feet and a small plant set out in spring will produce hundreds of blossoms during August and September, each as large as a good-sized chrysanthemums. Nice for screen rod. Each 25c; dozen \$1.00.

SEDUM SPECTABILIS

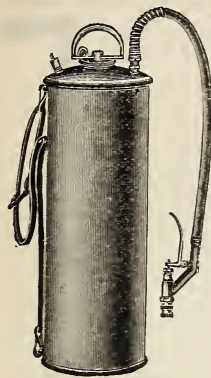
The giant of the Stonecrop family. Bears immense heads of amaranth red flowers, which last a long time. Each 25c; dozen \$1.25.

YUCCA

FILAMENTOSA.—(Adam's Needle.) Tropical looking plant with long, narrow leaves. Remains green the entire year. Grows in clumps and throws up flower stalks from 3 to 4 feet high, from which hang 100 to 300 creamy white, bell-shaped flowers. It blooms a long time. Each 25c; dozen \$1.50.



SPRAYERS



THE AUTO SPRAY NO. 9—Compressed Air Sprayer.—Our choice of compressed air pumps. Will not get out of repair, and is kept clean without difficulty. Diameter 7 inches. Height 2 feet. Capacity $3\frac{1}{2}$ gallons. Shipping weight 15 lbs. Brass tank with "Auto Pop," \$9.00. Galvanized tank with "Auto Pop," \$6.00. Two feet brass extension rod, postpaid, 75 cents.

LEVER BUCKET OR BARREL SPRAY PUMP.—Has lever handle, and can be attached to bucket or barrel. Action of plunger keeps liquid thoroughly mixed. Are of brass. Will not rust. Price, by express, \$6.00. Eight feet extension pipe (for use among large trees), by express, 75c. Mailing weight of pump 9 lbs.; of pipe 2 lbs.

MYERS' BARREL SPRAY PUMP.—A heavy brass cylinder barrel pump, for use in orchards and vineyards. It clamps onto the barrel so that it is rigid. The barrel can be set in a wagon or on a drag. It is equipped with 15 feet of hose and a graduated nozzle for either coarse or fine spray. Practically unbreakable and will last many years. Each \$14.00.

WHEELBARROW SPRAYER.—A very desirable type of spraying outfit for the gardener and fruit grower. Illustration shows pattern. Tank is galvanized iron. Pump is strong and forceful. It is equipped with hose and graduated nozzle. Price complete with pressure tank, \$35.00.

IMPROVED FAULTLESS OR "MISTY" SPRAYER.—The spray nozzle protrudes through the tank, making it strong. Mailing weight 2 lbs. By express, galvanized iron 75c; tin 50c.

THE CONTINUOUS FAULTLESS SPRAYER.—Made in such a way that the action of the plunger forces a continuous fine mist spray and drawing back plunger does not stop the flow of the spray. Add postage. Mailing weight 2 lbs. By express, brass \$1.50; galvanized iron \$1.25; tin \$1.00.

FAULTLESS POWDER SPRAYER.—Made of tin, after the Faultless pattern. For use in applying Slug Shot, lime, paris green mixture or any powder form of insecticides. By express, not prepaid, 90c. Mailing weight 4 lbs.

DUSTERS.—Buckets with perforated bottom, used for applying Slug Shot or other forms of powdered insecticides. Very convenient and effective for the purpose. Each, by express, 50c. Mailing weight 1 lb.

SPRAY MATERIALS

SHERWIN-WILLIAMS INSECTICIDES



Poisons are not available. All items on this page go at customer's expense unless quoted postpaid.

DRY LIME SULFUR.—Sherwin-Williams Dry Lime Sulfur is true lime sulfur solution in dry powder form. It has all the advantages of the liquid material but eliminates the disadvantage. Price, 1 lb. 35c; 5 lbs. \$1.25; 10 lbs. \$2.00; 25 lbs. \$5.00.

DRY POWDERED ARSENATE OF LEAD.—It contains from 30 to 33% of Arsenic Oxide. It clings to the foliage for the longest possible time, which means effective control of insects. Price, $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 5 lbs. \$2.00.

FUNGI-BORDO.—Fungi-Bordo is a true Bordeaux mixture in dry powdered form. Price, 1 lb. 50c; 5 lbs. \$2.25.

PESTROY.—Pestroy is a combination Bordeaux mixture and Arsenate of Lead to save time and trouble. Price, $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 5 lbs. \$2.25.

PARIS GREEN.— $\frac{1}{4}$ lb. 15c; 1 lb. 45c; 5 lbs. \$2.00.

NICO-FUME.—A condensed preparation of tobacco. Forty per cent nicotine. Price, 4 oz. can 75c; 1 lb. \$1.25; 8 lbs. \$15.00.

TUBER-TONIC.—Dry powder. Is a combination of paris green, Arsenate of Lead and Bordeaux mixture. Has strong fungus preventive qualities. Price per lb. 50c; 5 lbs. \$2.25.

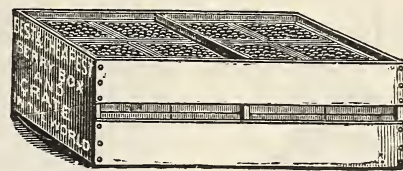
BLACK LEAF 40.—This is about 40% nicotine. Very powerful. Price, 1 oz. can 35c; $\frac{1}{2}$ lb. \$1.25. 2 lbs. \$3.75.

FUMIGATING AND DUSTING POWDER.—Formerly sold under the name of Tobacco Dust. By express, 1 lb. 15c; 10 lbs. \$1.00; 100 lb. bag. \$6.00.

PYRETHRUM POWDER.—The active ingredient of all insect powders. Kills cockroaches, ants and flies. $\frac{1}{4}$ lb. 40c; 1 lb. \$1.50.

WOLF'S GARDITE.—Is a dry powder in a carton with perforated top, so that it is easily applied. Not harmful to human health. Price, 25c postpaid. Ask for price in quantity.

HAMMOND'S SLUG SHOT.—Destroys all kinds of insects injurious to trees, shrubs and plants. Poisonous to insects, but not to foliage. Lb. 25c; 5 lbs. 75c; 10 lbs. \$1.40.



FRUIT GROWERS' SUPPLIES

BERRY BOXES.—Made of the best white wood, cut smoothly and perfect shape. Size $4\frac{1}{4}$ by $4\frac{1}{4}$ by $3\frac{1}{4}$. Price per 100 75c; 1,000 \$6.00. Weight 15 lbs. per hundred.

PINT BOXES.—Same as regular quart size except they are only 2 inches high. Price per 100 70c; 1,000 \$5.50.

CRATES.—Made of thoroughly seasoned wood, well ventilated at sides and bottom but with a tight cover to protect from dust. Shipped in the flat or knock down. Hold 24 quart boxes. Price per 10 \$3.00; per 100 \$27.50. Weight each 5 lbs.

CRATES FOR PINT BOXES.—24 pint size. Per 10 \$2.50; per 100 \$21.00. Weight $3\frac{1}{2}$ lbs.

FOLDING PAPER BERRY BOXES.—Quart size. A handy box for small growers as no tacks or labor of making are required. Price per 100 \$10.20; per 1,000 \$10.00.

BERRY BOX TACKS.—Superior to common nails as they hold much better. Made of the very best Swedes Iron. 1 lb. (will make a thousand boxes) 45c; 5 lbs. \$2.00.

STAPLING WIRE.—To use with a stapling machine for making boxes. Per coil of 12 lbs. \$2.00.

MAGNETIC TACK HAMMERS.—Pick up the tacks and save much of the labor. Each 30c postpaid.

SPHAGNUM MOSS.—For packing plants and nursery stock. Per bale \$2.00.

TREE PRUNER.—Strong wooden handles 24 inches long. Powerful and effective. The best pruner where branches are within reach. Each \$1.75. Mailing weight 4 lbs.

WATER'S TREE PRUNER.—The standard make with six-foot pole \$2.00; 10-foot pole \$2.75. Cannot be mailed.

IMPROVED HAND PRUNING SHEARS.—The best grade of hand pruning shears. Made especially for pruning grape vines, etc. Eight inches long. Straight spring. Price \$1.75.

CONNECTICUT PRUNING SHEARS.—A good tool for light work. Steel blades and spring, cast handles. Price \$1.00.

TREE LABELS.— $3\frac{1}{2}$ -inch. Copper wired. Per 1,000 \$3.25. Weight 4 lbs. 50c per hundred postpaid.

POT LABELS.—Smooth wood labels. Per 100 40c; per 1,000 \$2.40. 6-inch, per 100 60c; per 1,000 \$3.75. 10-inch, per 100 \$1.25; per 1,000 \$9.00. Mailing weight—4-inch 4 lbs; 6-inch 6 lbs.; 10-inch 10 lbs. per 1,000. Price per 100 is postpaid.

PRUNING COMPOUND.—Thoroughly protects the wounds made in pruning, preventing the entrance of all moisture. Per quart 75c; gallon \$2.50.

PAPER FLOWER POTS.—Made of heavy, strong, waterproof paper. Fine for growing vegetable plants, pansies, asters, etc. Prices: 2 $\frac{1}{4}$ -inch \$1.00 per 100 postpaid; 3-inch \$1.30 postpaid; 4-inch \$2.00 postpaid. Not prepaid, 2 $\frac{1}{4}$ -inch \$5.00 per 1,000; 3-inch \$8.00 per 1,000; 4-inch \$11.00 per 1,000. Weight 30 lbs. per 1,000.

WIRE HANGING BASKETS.—Are made of wire to be lined with moss and filled with dirt. They are light, strong and durable and have chain attached. Eight-inch size with enough moss to line it 60c each; 10-inch 75c; 12-inch each \$1.00.

WIRE BRACKETS.—This pattern is a very handsome bracket, made of tinned wire and easily put up. Simple, practical, durable. Price 25c each; \$1.50 per dozen postpaid.

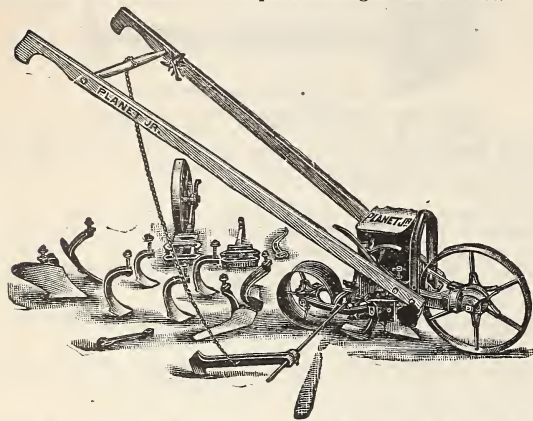
SPRINKLERS.—Made of pliable rubber with perforated cap. Holds about one pint. Handy for floral work and washing foliage of house plants. Each \$1.25 postpaid.

FISH OIL SOAP.—Usually called Whale Oil Soap. For plants infested by vermin, also used against fungus diseases and will keep trunks of trees free from borers. 1 lb. 50c postpaid.



Tools and Implements

Send for Planet Jr. complete catalogue mailed free.



NO. 25 COMBINED SEEDER, DOUBLE AND SINGLE WHEEL HOE.—This tool combines a first class hill-dropping seeder, a perfect drill seeder and when used as a cultivator it can be set up either as a double or single wheel hoe. Has steel frames and straddles crops until 20 inches high. Two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes. The most complete of the interchangeable tools. Price \$22.00.

PLANET JR. NO. 3 HILL AND DRILL SEEDER.—A drill only. Style like No. 25. Price \$18.50.

PLANET JR. NO. 12 DOUBLE WHEEL HOE.—A double and single wheel hoe in one. Price \$11.50.

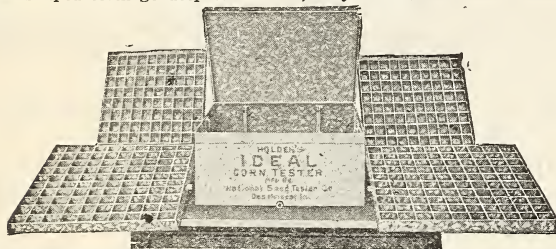
PLANET JR. NO. 16 SINGLE WHEEL HOE.—Has a great variety of attachments. Price \$9.50.

PLANET JR. NO. 17 SINGLE WHEEL HOE.—Same as No. 16 but has one pair 6-inch hoes, three cultivator teeth and large plow. Price \$8.00.

PLANET JR. NO. 18 SINGLE WHEEL HOE.—Same as No. 16 but has one pair 6-inch hoes only. Price \$6.00.

PLANET JR. NO. 8 COMBINED HORSE HOE AND CULTIVATOR.—Opens and closes furrows, hoes right up to the plants without danger of injury. Price \$19.00.

PLANET JR. NO. 90 TWELVE-TOOTH HARROW AND PULVERIZER.—Price \$19.00. **NO. 90-B (Less pulverizer)** \$15.75. The chisel-shaped teeth go deep or shallow, as you like.



HOLDEN'S IDEAL CORN TESTER NO. 1.—Made of galvanized iron. It is for testing ears of seed corn before shelling for seed. Capacity of this size, 400 each (one to each compartment) and each compartment is removable at will. It is quite simple in operation and full directions for use will be sent with each tester. By express or freight, not prepaid, \$15.00.

HOLDEN'S IDEAL CORN TESTER NO. 4.—A single box tester of galvanized iron; capacity 200 tests. By express or freight, each \$8.00.

EUREKA POTATO PLANTER.—The best hand potato planter that we know of as it does the work perfectly. Also plants beans and corn equal to any corn planter. Price \$15.00.



EXCELSIOR WEEDING HOOK.—Can be used to advantage among small and tender plants. By parcel post each 25c, doz. \$2.50; by express 20c, dozen \$2.25.

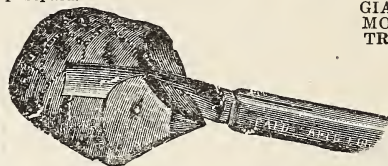


EUREKA POTATO PLANTER

SEGMENT HAND CORN PLANTER.—Operated with one hand. Drops as fast as you walk and you make it drop where you want it. You can also plant beans or peas. Price each, by express, \$2.00. Mailing weight 4 lbs.

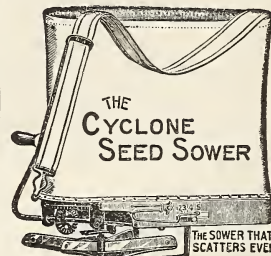
LITTLE GIANT MOLE TRAP.—Strong, durable and will do the work. Easily set. Has a strong spring with great force. Each by mail, \$1.50. By express, \$1.25.

CONCAVE AND CURVED SEED POTATO KNIFE.—Will pay for itself even if you have only a bushel of potatoes to cut. Allows the giving of each eye its full portion of the potato. Makes a clean, small cut. It is a pleasure to use it. 25c each postpaid.

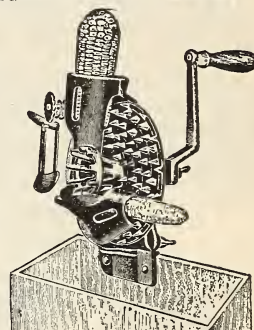


LITTLE GIANT MOLE TRAP

SEGMENT CORN PLANTER



CYCLONE SEED SOWER



STAR CORN SHELLER.—A fine sheller for hand use. Has attachment for shelling tips and butts, making it desirable in seed corn. Also an extra attachment for shelling pop corn. Can be fastened on a box, throws cobs out the rear way from the shelled corn. Strong, well made and will last a lifetime. Each, by express, \$2.00. Weight 12 lbs.

CYCLONE SEED SOWER.—Farmers should have a small hand seed sower for emergency use. This is an improved style, strong, well made and durable. It is very easy to understand and easy to operate. Directions with each machine. By express, \$2.00. Mailing weight 4 lbs.

GARDEN TROWELS.—Postpaid, 5-inch 20c; 6-inch 25c.

FLORIST TROWELS.—Extra heavy and durable. By parcel post, each 50c.

HAZELTINE HAND WEEDER.—It has five sharp edges. Each 35c postpaid.

Per dozen \$3.00

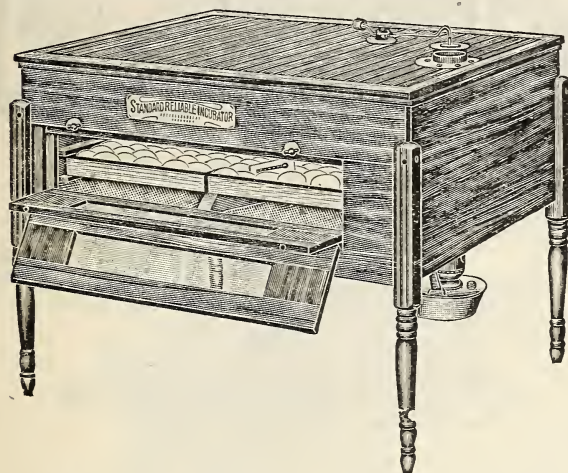


LANG'S HAND WEEDER
HANDIEST TOOL ON EARTH.

LANG'S HAND WEEDER.—Is in our opinion the best; its special features a band which passes over the fingers, which, when the tool is not in use, gives full use of the hand for pulling weeds and thinning out plants without laying down the tool. Price 25c each postpaid. By express, per dozen \$2.00.

Poultry Supplies

Prices are subject to important market changes. Transportation to be paid by purchaser except where marked postpaid.

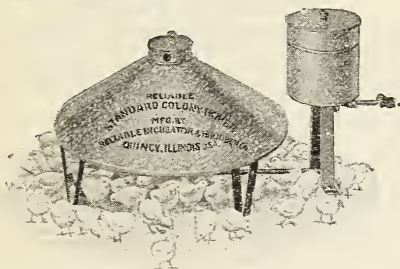


RELIABLE STANDARD INCUBATORS

We have for several years offered to our customers the Reliable Standard Incubator because it has 42 years' history and stands at the head of the incubator list in the estimation of experienced poultrymen. Complete descriptive catalogue of Reliable Incubators free.

No. 49a—100 eggs, Hot Air.....	\$22.50
No. 50a—100 eggs, Hot Water.....	28.00
No. 51—140 eggs, Hot Air.....	31.00
No. 52—140 eggs, Hot Water.....	37.00
No. 53—240 eggs, Hot Air.....	43.00
No. 54—240 eggs, Hot Water.....	51.50

Ask for prices on larger sizes.

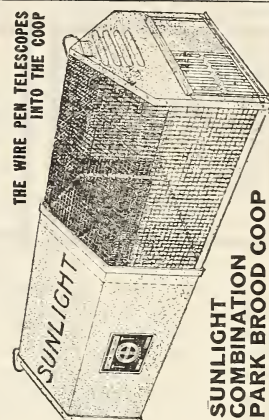
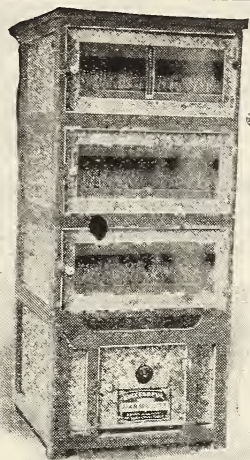
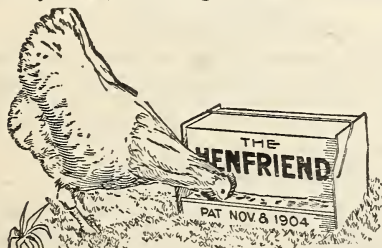


LAMP HEATED CHICKEN HOVER.—75 chick size \$4.00. Add postage for 9 lbs.

STOVE HEATED BROODER.—Complete with canopy. 500 chick capacity \$21.50; 1,000 chick capacity \$26.50. Shipped from factory.

BLUE FLAME OIL BURNING HOVER.—300 chick size \$16.00; 500 chick size \$18.50; 1,000 chick size \$21.50. Shipped from factory.

HEN FRIEND DRINKING FOUNTAIN.—Galvanized iron. Easy to fill, clean and move. 2 qt. size 50c. Weight 2 lbs. 5 qt. size 75c. Weight 3 lbs. 10 qt. size \$1.00. Weight 5 lbs.



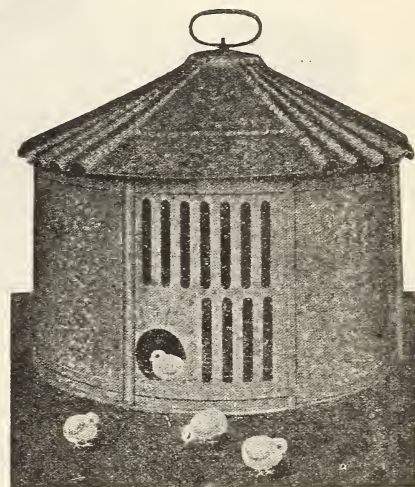
SUCCESSFUL GRAIN SPROUTER

SUNLIGHT BROOD COOP.—An all metal coop as shown in illustration. Size of coop, 18 in. wide, 24 in. long, 19½ in. high, while the wire park is practically the same size. The pen telescopes into the coop portion if desired, and has handles by which it is moved. Each \$4.00; 6 for \$22.00.

GRAIN SPROUTER.—Made of galvanized steel in sections. Base and one section holding two trays. Holds ½ bu. \$12.00. Additional sections (2 trays) \$4.00 each.

THE LUTHE BROOD COOP.

A round metal coop, made of galvanized iron, with sliding door which can be fastened open at desired size. Adjustable top for ventilation. Rat, mink, weasel, mite and rain proof. Size 22 inches in diameter, 19 inches high. Each \$2.25; dozen \$22.00.



LUTHE BROOD COOP

MODEL GRINDING MILL.—To grind shell, grit, bone and grains. Easily adjusted to grind coarse or fine as desired. No. 1, each \$3.50; No. 2, each \$6.00.

POULTRY REMEDIES

The Dr. LeGear line of remedies which we sell is a well proven line. We have not had a single dissatisfied customer. They are less trouble to use and somewhat cheaper than other lines. We recommend them. Sold with "Satisfaction or Money Back" guarantee.

DR. LEGEAR'S POULTRY PRESCRIPTION for many diseases of poultry. Helps make hens lay and keep poultry healthy. Used by poultry owners every fall and winter to get more eggs. 1½ lb. pkg. 25c; 3¾ lb. pkg. 50c; 9 lb. pkg. \$1.00.

DR. LEGEAR'S ROUP REMEDY.—An excellent remedy for roup and colds in poultry. 30c postpaid.

DR. LEGEAR'S SORE HEAD REMEDY for chicken pox in poultry. 30c postpaid.

DR. LEGEAR'S HEAD LICE REMEDY.—A reliable remedy for poultry. 30c postpaid.

DR. LEGEAR'S COLD TABLETS.—Two tablets to each quart of drinking water keeps poultry healthy. 30c postpaid.

DR. LEGEAR'S CHICK DIARRHOEA TABLETS keep baby chicks healthy. 35c postpaid.

DR. LEGEAR'S LICE KILLER (powder) rids your poultry of lice, mites and vermin. 30c postpaid.

DR. LEGEAR'S POULTRY BOWEL REGULATOR.—For the prevention and treatment of many cases of loose bowels, diarrhoea, etc. 30c postpaid.



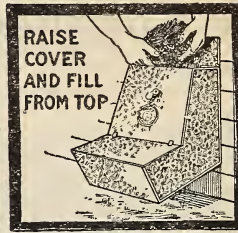
TOP FILL FOUNTAIN



GRIT AND SHELL BOX



SANITARY FEED TROUGH



DRY FEED HOPPER



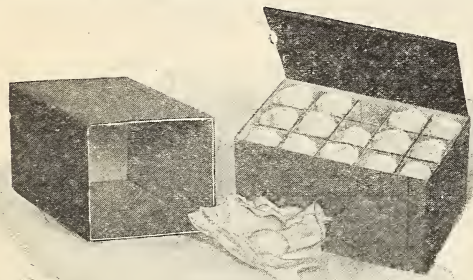
STAR FOUNTAIN

MOE'S TOP FILL FOUNTAIN.—Won't slop over. Dead air space keeps water cool in summer, warm in winter. Simple in construction. Remove cover and fill from top. Water ceases to flow when cover is removed. By express, 1 gal. \$1.75; 2 gal. \$2.40; 4 gal. \$3.25. Mailing weights: 1 gal. 3 lbs.; 2 gal. 5 lbs.; 4 gal. 10 lbs.

DRY FOOD HOPPER.—This hopper is devised to permit fowls access to the feed without scattering or wasting. Three sizes: 12 qt. \$1.50, weight 8 lbs.; 17 qts., \$2.00, weight 9 lbs.; 25 qts. \$2.50, weight 14 lbs.

SANITARY FEED TROUGH.—Can be used for feed, mash or water. Barred top prevents waste. Made of galvanized iron. By express, 8 in. long, 35c postpaid; 18 in. long, 50c postpaid; 24 in. long, 75c postpaid.

GRIT AND SHELL BOX.—Has three compartments for grit, shell and charcoal. Galvanized iron. Can be used as feed hopper for small chicks. $\frac{1}{2}$ pk. \$1.00. Weight 4 lbs.



CORRUGATED EGG CASE.—15 egg size \$2.40 per dozen, weight 12 lbs.; 30 egg size \$3.60 per dozen, weight 25 lbs.; 50 egg size \$5.00 per dozen; weight 38 lbs.; 100 egg size \$7.00 per dozen, not mailable.

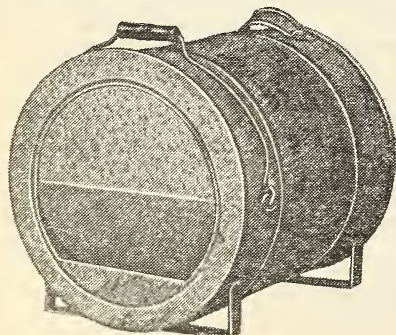
LIVE CHICK BOX.—Made from corrugated paper with ventilating holes in top and sides. 25 chick size \$1.60 per dozen, weight 20 lbs.; 50 chick size \$2.25 per dozen, weight 25 lbs.; 100 chick size \$2.80 per dozen, weight 40 lbs.

TRAP NEST FRONTS.—Made of galvanized iron, 9 by 9 double shutter trap door. Easily fastened on nest boxes. 75c each postpaid. \$6.50 per dozen postpaid. By express, dozen \$5.50.

GLASS NEST EGGS.—By mail in regular Ship-safe egg case, which may be used to ship eggs for hatching, 12 for 95c; 50 for \$2.25 postpaid.

LIME NEST EGGS.—Preferred to glass eggs by most poultrymen. Dozen 75c in case, postpaid.

INSULATED POULTRY WATERER.—Made after the principle of the thermos bottle to keep water warm in winter, cool in summer. Is our selection of many styles offered. We can recommend it from actual winter tests. Best galvanized iron. Very satisfactory. 3 gal. size \$4.00; 5 gal. size \$5.00. Weight 15 lbs.



INSULATED WATERER



KEY RING LEG BANDS



PILLING LANSDOWNE POULTRY MARKER.—A handy poultry marker. Look at the illustration and see how easy it is to use. Large or small size sent for 30c.



LEADER LEG BAND

LEADER LEG BAND NO. 2.—An adjustable band which can be used for any size fowl from a bantam to a turkey. Made of aluminum, light and smooth. Postpaid, 25 for 50c; \$1.00 per 100; \$4.50 for 500.

COLORLED LEADER LEG BANDS.—Made of aluminum with celluloid numbers in red, green, blue, yellow, pink and white. Numbered from 1 to 200 only. 25 for 70c; \$1.50 per 100 postpaid.

PHILADELPHIA POULTRY MARKER.—A convenient little spring punch for marking chickens. Marks small hole in web of the foot. 30 cents each postpaid.

KEY RING LEG BANDS.—Made of celluloid in six sizes and six colors. Spread easily to put on leg of fowl. Have no sharp edges. Sizes: Asiatic, American, Mediterranean, Bantam, Pigeon and Baby Chick. Specify in your order number of each color and size wanted. Prices: 3 largest sizes per dozen 25c; 100 75c; 1,000 for \$6.50 postpaid. 3 small sizes, doz. 25c; 100 65c; 1,000 for \$5.50 postpaid.

POULTRY FEEDS

ALFALFA CLOVER MEAL.—Valuable as a winter food. Price, 10 lbs. 50c; 25 lbs. \$1.00.

GROUND MEAT SCRAPS.—Fresh beef thoroughly cooked and dried. Excellent food for young chicks or laying hens. 10 lbs. \$1.00; 25 lbs. \$2.00.

CRUSHED RAW BONE.—Best quality, made from fresh bones. 10 lbs. 75c; 25 lbs. \$1.75.

RAW BONE MEAL.—Ground fine for feeding small chickens. Price, 10 lbs. 75c; 25 lbs. \$1.75.

CRUSHED OYSTER SHELL.—A most important article for the poultry yard and should be supplied liberally. 25 lbs. 50c; 100 lbs. \$1.50.

CRYSKO POULTRY GRIT.—Both fine and coarse sizes for fowls and chicks. Per 100 lbs. \$1.50.

CHARCOAL.—Granulated to just the right sizes for either poultry or chicks. The larger size is suitable for feeding hogs. Two sizes, 5 lbs. 45c; 10 lbs. 75c; 25 lbs. \$1.75; 50 lb. bag \$3.00.

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A Few of Our Specials

While we like flowers of all kinds we confess we are a little partial to the hardy perennials. The kind that live over year after year that give one that hopeful feeling to see them coming up so sturdily in the early spring.

We wish we could illustrate each of these for they are surely worthy, but haven't room. These are all out-door grown, sturdy plants and will all flower freely first year.

Hollyhock

These are grown in separate colors and orders are filled so as to give a variety of colors. The seed from which were grown seed was produced by Mr. Kelway, the noted English Horticulturist and is the most perfect and richest strain of the fullest double Hollyhock. The plants are extra strong this year. Price: Each 25c; Dozen, \$1.25.

Lythrum—Brightness

A rare flower and one that is sure to please, grows 3 feet high and is covered from June until cold weather with a mass of spikes of a pleasing amaranth red flower. Very desirable as a cut flower. The name Brightness certainly fits it. Each, 40c; Dozen \$2.50.



Golden Glow—Rudbeckia

If you do not have a start of these on your place, order some now. They grow 6 feet high and produce many stalks of the most pleasing yellow flowers 2 or more inches across, produced in sprays of fine form for cut flowers. Will bloom all summer if you keep cutting them freely. Price each 25c; Dozen, \$1.00.

Sedum—Spectabilis

Another new and entirely distinct hardy perennial. A true live-forever, grows 18 inches high and forms great heads of brilliant red flowers 6 or 8 inches across. Easy to grow. Price each 25c; \$1.25 per dozen.

Hardy Double Sunflower

Also called Prairie Dahlia. Perfectly hardy, perfectly double and a profuse bloomer, 3 1-2 feet high, flowers are a rich golden yellow 3 inches across, borne on long stems. Each 25c; Dozen \$1.00.

Hardy Phlox

We have a lot of these Perennial Phlox, nice field grown plants, sure to please and blossom. Plant a hedge of Phlox. Mixed colors only. Price 25c each; \$1.50 per dozen, postpaid. Not postpaid, \$7.50 per 100.

Bleeding Heart

DICENTRA SPECTABILIS. An old favorite, one of the earliest to blossom. As a garden plant or as a bouquet flower it would be difficult to find anything more pleasing. Beside the graceful flowers the foliage is feathery and beautiful all summer. Strong roots, 75c each.



Oriental Poppy

The word gorgeous best describes the striking beauty of these immense flowers, although the flowers are so large, 6 to 8 inches across, they are not coarse, but are pleasingly smooth and silky. There are different shades of red but all beautiful. Price, 25c each; Dozen, \$2.00.

Spencer Sweet Peas

Extra Select Stock

In addition to the offer below we
can also furnish these in splendid
mixture at 10c. per Packet;
25c. per Ounce; 1-4 Pound
75c.; Pound \$2.50



DIVERSITY COLLECTION

SPENCER SWEET PEAS

12 Kinds - 12 Colors, Newest and Best

1 PKT. OF EACH \$1.00 1 OZ. OF EACH \$3.00

POSTPAID TO ANY ADDRESS

SPLENDOR ZINNIA

PKT. 10c, OZ. 75c, $\frac{1}{4}$ LB. \$2.50